

Section 2

Current and Projected Population and Water Demand Data for the Region

2.1 Introduction

The TWDB publishes population and water demand projections, respectively, for each county in the state for use by the regional water planning groups. Population projections were developed for municipal Water User Groups (WUGs), which are defined as cities with a population greater than 500 in 2000, water supply corporations and special utility districts using volumes of 280 acft or more in 2000, and ‘County-Other’ to capture those people living outside the cities or WUG-sized water supply corporation/special utility districts for each county. In the Brazos G Area, population projections were completed for 226 municipal WUGs, including County-Other. Water demand projections were developed by type of use—specific municipal WUG demands for cities and other water utilities (along with a ‘County-Other’ for each county) and countywide demands for manufacturing, steam-electric, mining, irrigation, and livestock.

The TWDB has adopted several revisions to the population and water demand projections for the Brazos G Area, as forwarded by the Brazos G RWPG. Revisions have been made to the census-based population projections, and municipal and steam-electric water demand projections. Revisions to the population and municipal water demand projections for cities resulted from requests from individual cities and faster growth rates than projected in the 2006 Plan. Water demand projections for steam-electric use were revised to reflect input from industry and the Brazos G RWPG.

2.2 Population Projections

As shown in Figure 2-1, the population of the 37-county area is projected to increase from 1,621,961 in 2000 to 3,448,879 in 2060, an increase of 113 percent (1.27 percent annual growth). This is somewhat less than the projected statewide population growth during the same period of 117 percent, (1.30 percent annually). In 2060, it is projected that 32 percent of the Brazos G Area population will live in Williamson County, 13 percent in Bell County, 10 percent in Johnson County, 9 percent in McLennan County, 8 percent in Brazos County, 4 percent in Coryell County, 4 percent in Taylor County, and less than 3 percent in each of the remaining

counties. Projections and growth rates for each of the 37 counties and 226 cities, other utilities, and ‘County-Other’ in the region are presented in Table 2-1.

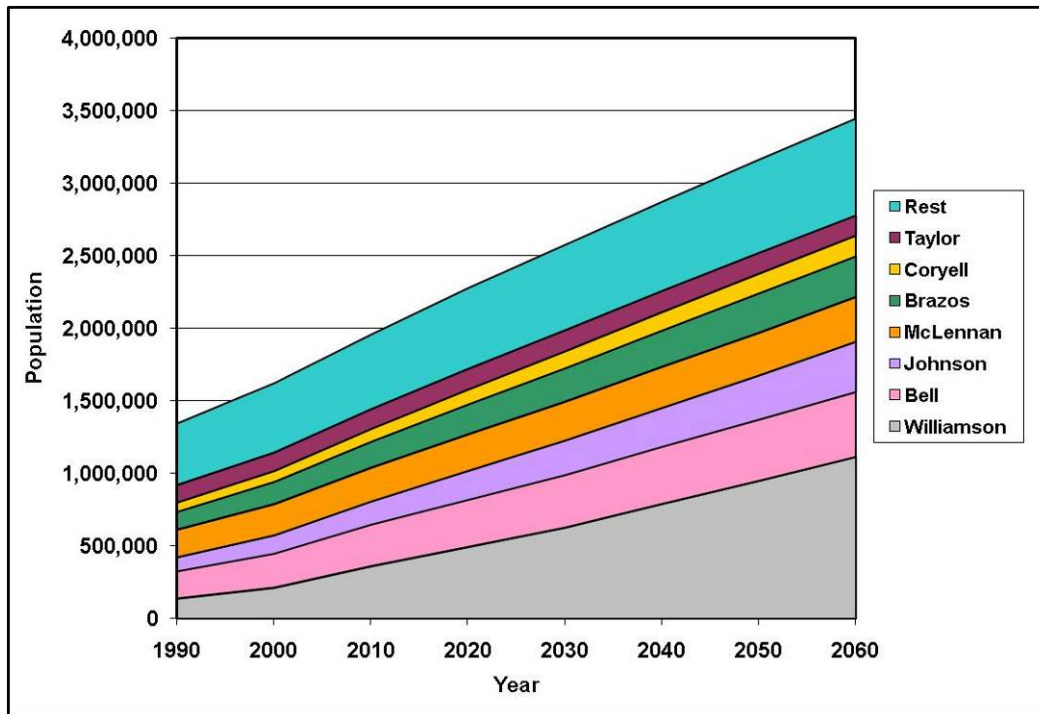


Figure 2-1. Population Projections

**Table 2-1.
Historical and Projected Population by City/County**

City/County	Historical		Projections ¹						Percent Growth ² 1990-00	Percent Growth 2000-60
	1990	2000	2010	2020	2030	2040	2050	2060		
<i>Bell County</i>										
439 WSC		5,274	6,765	7,802	8,740	9,345	9,735	10,018	NA	1.08%
Bartlett (P)	621	818	932	1,011	1,083	1,129	1,159	1,181	2.79%	0.61%
Bell-Milam-Falls WSC (P)		1,980	2,350	2,607	2,840	2,990	3,087	3,157	NA	0.78%
Belton	12,476	14,623	17,633	20,399	22,914	24,617	25,815	26,116	1.60%	0.97%
Chisholm Trail SUD (P)		454	649	784	906	985	1,036	1,073	NA	1.44%
Dog Ridge WSC		3,534	4,434	5,060	5,626	5,991	6,226	6,397	NA	0.99%
East Bell County WSC (P)		2,274	2,502	2,661	2,805	2,898	2,958	3,001	NA	0.46%
Elm Creek WSC (P)		1,445	1,824	2,088	2,326	2,480	2,579	2,651	NA	1.02%
Fort Hood CDP (P)	17,021	17,282	17,282	17,282	17,282	17,282	17,282	17,282	0.15%	0.00%
Harker Heights	12,841	17,308	23,869	30,952	36,978	42,090	43,640	44,407	3.03%	1.58%
Holland	1,118	1,102	1,102	1,102	1,102	1,102	1,102	1,102	-0.14%	0.00%
Jarrell-Schwertner WSC (P)		1,231	1,518	1,717	1,897	2,013	2,088	2,142	NA	0.93%
Kempner WSC (P)		2,671	3,388	3,887	4,338	4,629	4,816	4,952	NA	1.03%
Killeen	63,535	86,911	113,217	126,985	141,148	154,641	169,132	184,064	3.18%	1.26%
Little River-Academy	1,390	1,645	1,793	1,896	1,989	2,049	2,088	2,116	1.70%	0.42%
Moffat WSC		3,732	4,434	4,922	5,364	5,649	5,832	5,965	NA	0.78%
Morgans Point Resort	1,766	2,989	4,219	4,781	5,290	5,617	5,828	5,981	5.40%	1.16%
Nolanville	1,834	2,150	2,611	2,753	2,882	2,965	3,019	3,058	1.60%	0.59%

Table 2-1 (Continued)

City/County	Historical		Projections ¹						Percent Growth ² 1990-00	Percent Growth 2000-60
	1990	2000	2010	2020	2030	2040	2050	2060		
Pendleton WSC		2,431	2,785	3,031	3,254	3,398	3,491	3,558	NA	0.64%
Rogers	1,131	1,117	1,117	1,117	1,117	1,117	1,117	1,117	-0.12%	0.00%
Salado WSC		3,847	4,743	5,366	5,930	6,294	6,528	6,698	NA	0.93%
Temple	46,109	54,514	62,382	71,350	80,830	89,247	97,774	105,519	1.69%	1.11%
Troy	1,395	1,378	1,378	1,378	1,378	1,378	1,378	1,378	-0.12%	0.00%
West Bell County WSC		5,456	5,456	5,456	5,456	5,456	5,456	5,456	NA	0.00%
County-Other	29,851	1,808	1,289	1,223	1,157	1,116	1,089	1,071	-24.45%	-0.87%
Bell County Total	191,088	237,974	289,672	327,610	364,632	396,478	424,255	449,460	2.22%	1.07%
Bosque County										
Childress Creek WSC		2,091	2,459	2,853	3,130	3,234	3,276	3,327	NA	0.78%
Clifton	3,195	3,542	3,980	4,450	4,780	4,904	4,955	5,016	1.04%	0.58%
Cross Country WSC (P)		178	226	277	313	327	333	340	NA	1.08%
Lake Whitney Water Company (P)		3,294	3,374	3,459	3,519	3,541	3,550	3,561	NA	0.13%
Meridian	1,390	1,491	1,619	1,756	1,852	1,888	1,903	1,921	0.70%	0.42%
Morgan			569	668	784	920	1,080	1,268	NA	1.62%
Valley Mills (P)	1,085	1,120	1,279	1,449	1,568	1,613	1,631	1,653	0.32%	0.65%
Walnut Springs		755	804	857	894	908	914	921	NA	0.33%
County-Other	9,455	4,733	5,521	6,877	7,782	8,029	8,025	8,025	-6.69%	0.88%
Bosque County Total	15,125	17,204	19,831	22,646	24,622	25,364	25,667	26,032	1.30%	0.69%
Brazos County										
Bryan	55,002	65,660	74,650	84,038	92,672	99,339	107,239	109,881	1.79%	0.86%
College Station	52,456	67,890	80,920	94,526	107,040	116,703	128,152	131,981	2.61%	1.11%
Wellborn SUD		6,550	8,448	10,430	12,253	13,660	15,328	15,886	NA	1.49%
Wickson Creek SUD (P)		5,743	8,304	10,978	13,437	15,336	17,586	18,339	NA	1.95%
County-Other	14,404	6,572	5,865	5,127	4,448	3,924	3,303	3,095	-7.55%	-1.25%
Brazos County Total	121,862	152,415	178,187	205,099	229,850	248,962	271,608	279,182	2.26%	1.01%
Burleson County										
Caldwell	3,181	3,449	3,638	3,844	3,993	4,108	4,192	4,266	0.81%	0.35%
Milano WSC (P)		1,447	1,667	1,907	2,081	2,214	2,312	2,398	NA	0.85%
Snook		568	624	685	729	763	788	810	NA	0.59%
Somerville	1,542	1,704	1,818	1,942	2,032	2,101	2,152	2,197	1.00%	0.42%
Southwest Milam WSC (P)		293	354	420	468	505	532	556	NA	1.07%
County-Other	8,902	9,009	10,376	11,865	12,946	13,774	14,382	14,919	0.12%	0.84%
Burleson County Total	13,625	16,470	18,477	20,663	22,249	23,465	24,358	25,146	1.91%	0.71%
Callahan County										
Baird	1,658	1,623	1,623	1,623	1,623	1,623	1,623	1,623	-0.21%	0.00%
Clyde	3,002	3,344	3,733	3,787	3,706	3,615	3,514	3,430	1.08%	0.04%
Coleman County WSC (P)		392	378	405	363	316	264	221	NA	-0.95%
Cross Plains	1,063	1,068	1,068	1,069	1,068	1,067	1,066	1,065	0.05%	0.00%
Potosi WSC (P)		70	69	72	68	63	58	54	NA	-0.43%
County-Other	6,136	6,408	5,958	6,024	5,922	5,808	5,681	5,575	0.43%	-0.23%
Callahan County Total	11,859	12,905	12,829	12,980	12,750	12,492	12,206	11,968	0.85%	-0.13%
Comanche County										
Comanche	4,087	4,482	4,561	4,704	4,749	4,734	4,634	4,488	0.93%	0.00%
De Leon	2,190	2,433	2,476	2,554	2,578	2,570	2,516	2,436	1.06%	0.00%
County-Other	7,104	7,111	7,236	7,463	7,533	7,512	7,353	7,121	0.01%	0.00%
Comanche County Total	13,381	14,026	14,273	14,721	14,860	14,816	14,503	14,045	0.47%	0.00%

Table 2-1 (Continued)

City/County	Historical		Projections ¹						Percent Growth ² 1990-00	Percent Growth 2000-60
	1990	2000	2010	2020	2030	2040	2050	2060		
<i>Coryell County</i>										
Copperas Cove (P)	24,079	29,455	34,762	40,893	46,866	51,092	54,790	57,765	2.04%	1.13%
Elm Creek WSC (P)		320	470	643	812	931	1,036	1,120	NA	2.11%
Fort Gates WSC		2,000	2,279	2,602	2,916	3,138	3,333	3,490	NA	0.93%
Fort Hood CDP (P)	18,559	16,429	16,429	16,429	16,429	16,429	16,429	16,429	-1.21%	0.00%
Gatesville	11,492	15,591	19,637	24,312	28,866	32,088	34,908	37,177	3.10%	1.46%
Kempner WSC		3,409	5,039	6,922	8,756	10,054	11,190	12,104	NA	2.13%
County-Other	10,083	7,774	9,091	10,613	12,096	13,146	14,063	14,801	-2.57%	1.08%
<i>Coryell County Total</i>	<i>64,213</i>	<i>74,978</i>	<i>87,707</i>	<i>102,414</i>	<i>116,741</i>	<i>126,878</i>	<i>135,749</i>	<i>142,886</i>	<i>1.56%</i>	<i>1.08%</i>
<i>Eastland County</i>										
Cisco	3,813	3,851	3,859	3,869	3,801	3,697	3,576	3,415	0.10%	-0.20%
Eastland	3,690	3,769	4,017	4,028	3,957	3,849	3,723	3,555	0.21%	-0.10%
Gorman	1,290	1,236	1,239	1,242	1,220	1,187	1,148	1,096	-0.43%	-0.20%
Ranger	2,803	2,584	2,590	2,596	2,551	2,481	2,399	2,292	-0.81%	-0.20%
Rising Star	859	835	837	839	824	802	775	740	-0.28%	-0.20%
Stephens County Rural WSC (P)		13	13	13	13	12	12	12	NA	-0.13%
County-Other	6,033	6,009	5,781	5,795	5,695	5,538	5,356	5,116	-0.04%	-0.27%
<i>Eastland County Total</i>	<i>18,488</i>	<i>18,297</i>	<i>18,336</i>	<i>18,382</i>	<i>18,061</i>	<i>17,566</i>	<i>16,989</i>	<i>16,226</i>	<i>-0.10%</i>	<i>-0.20%</i>
<i>Erath County</i>										
Dublin	3,190	3,754	4,167	4,611	5,011	5,413	6,479	7,149	1.64%	1.08%
Stephenville	13,502	14,921	15,959	17,076	18,082	19,094	21,775	23,462	1.00%	0.76%
County-Other	11,299	14,326	16,540	18,922	21,067	23,227	28,946	32,544	2.40%	1.38%
<i>Erath County Total</i>	<i>27,991</i>	<i>33,001</i>	<i>36,666</i>	<i>40,609</i>	<i>44,160</i>	<i>47,734</i>	<i>57,200</i>	<i>63,155</i>	<i>1.66%</i>	<i>1.09%</i>
<i>Falls County</i>										
Bell-Milam Falls WSC (P)		915	1,223	1,609	2,004	2,351	2,627	2,952	NA	1.97%
Bruceville-Eddy (P)		2	4	6	8	10	12	14	NA	3.30%
East Bell County WSC (P)		612	729	876	1,026	1,158	1,263	1,386	NA	1.37%
Elm Creek WSC (P)		32	46	64	83	99	112	127	NA	2.32%
Lott		724	724	724	724	724	724	724	NA	0.00%
Marlin	6,386	6,628	6,862	7,155	7,455	7,718	7,927	8,173	0.37%	0.35%
Rosebud	1,638	1,493	1,493	1,493	1,493	1,493	1,493	1,493	-0.92%	0.00%
Tri-County SUD (P)		2,614	2,975	3,428	3,891	4,298	4,622	5,003	NA	1.09%
West Brazos WSC (P)		1,820	2,298	2,898	3,511	4,050	4,478	4,982	NA	1.69%
County-Other	9,688	3,736	3,246	2,631	2,001	1,449	1,009	492	-9.09%	-3.32%
<i>Falls County Total</i>	<i>17,712</i>	<i>18,576</i>	<i>19,600</i>	<i>20,884</i>	<i>22,196</i>	<i>23,350</i>	<i>24,267</i>	<i>25,346</i>	<i>0.48%</i>	<i>0.52%</i>
<i>Fisher County</i>										
Bitter Creek WSC (P)		1,150	1,165	1,166	1,196	1,219	1,230	1,266	NA	0.16%
Roby	616	673	682	683	702	716	723	745	0.89%	0.17%
Rotan	1,913	1,611	1,562	1,559	1,461	1,385	1,347	1,230	-1.70%	-0.45%
County-Other	2,313	910	855	851	738	652	610	476	-8.91%	-1.07%
<i>Fisher County Total</i>	<i>4,842</i>	<i>4,344</i>	<i>4,264</i>	<i>4,259</i>	<i>4,097</i>	<i>3,972</i>	<i>3,910</i>	<i>3,717</i>	<i>-1.08%</i>	<i>-0.26%</i>
<i>Grimes County</i>										
Navasota	6,296	6,789	7,111	7,470	7,753	7,950	8,107	8,262	0.76%	0.33%
Wickson Creek SUD (P)		2,792	4,614	6,646	8,249	9,363	10,253	11,128	NA	2.33%
County-Other	12,532	13,971	14,910	15,957	16,783	17,357	17,816	18,267	1.09%	0.45%
<i>Grimes County Total</i>	<i>18,828</i>	<i>23,552</i>	<i>26,635</i>	<i>30,073</i>	<i>32,785</i>	<i>34,670</i>	<i>36,176</i>	<i>37,657</i>	<i>2.26%</i>	<i>0.79%</i>

Table 2-1 (Continued)

City/County	Historical		Projections ¹						Percent Growth ² 1990-00	Percent Growth 2000-60
	1990	2000	2010	2020	2030	2040	2050	2060		
<i>Hamilton County</i>										
Hamilton	2,937	2,977	2,942	2,933	2,926	2,928	2,919	2,918	0.14%	-0.03%
Hico	1,342	1,341	1,417	1,417	1,417	1,417	1,417	1,417	-0.01%	0.09%
County-Other	3,454	3,911	3,431	3,331	3,253	3,279	3,176	3,169	1.25%	-0.35%
<i>Hamilton County Total</i>	<i>7,733</i>	<i>8,229</i>	<i>7,790</i>	<i>7,681</i>	<i>7,596</i>	<i>7,624</i>	<i>7,512</i>	<i>7,504</i>	<i>0.62%</i>	<i>-0.15%</i>
<i>Haskell County</i>										
Haskell	3,362	3,106	3,024	2,982	2,925	2,895	2,842	2,752	-0.79%	-0.20%
Rule	783	698	671	657	638	628	610	580	-1.14%	-0.31%
Stamford (P)	36	43	45	46	48	49	50	52	1.79%	0.32%
County-Other	2,639	2,246	2,120	2,056	1,969	1,924	1,843	1,705	-1.60%	-0.46%
<i>Haskell County Total</i>	<i>6,820</i>	<i>6,093</i>	<i>5,860</i>	<i>5,741</i>	<i>5,580</i>	<i>5,496</i>	<i>5,345</i>	<i>5,089</i>	<i>-1.12%</i>	<i>-0.30%</i>
<i>Hill County</i>										
Brandon-Irene WSC (P)		2,009	2,059	2,128	2,207	2,285	2,369	2,462	NA	0.34%
Fills Valley WSC (P)		1,963	1,997	2,045	2,100	2,154	2,212	2,277	NA	0.25%
Hillsboro	7,072	8,232	8,923	9,284	9,692	10,099	10,534	11,017	1.53%	0.49%
Hubbard	1,589	1,586	1,713	1,713	1,713	1,713	1,713	1,713	-0.02%	0.13%
Itasca	1,523	1,503	1,633	1,626	1,619	1,612	1,604	1,595	-0.13%	0.10%
Johnson County SUD (P)		177	191	211	233	255	279	305	NA	0.91%
Lake Whitney Water Company (P)		5,374	5,396	5,426	5,460	5,494	5,530	5,570	NA	0.06%
Parker WSC (P)		371	391	419	451	483	517	555	NA	0.67%
White Bluff Community WS		1,000	1,211	1,507	1,841	2,175	2,531	2,927	NA	1.81%
Whitney	1,626	1,833	2,157	2,227	2,306	2,385	2,470	2,564	1.21%	0.56%
Woodrow-Osceola WSC		5,396	5,671	6,056	6,491	6,925	7,389	7,904	NA	0.64%
County-Other	15,336	2,877	2,074	2,305	2,566	2,827	3,104	3,411	-15.41%	0.28%
<i>Hill County Total</i>	<i>27,146</i>	<i>32,321</i>	<i>33,519</i>	<i>35,050</i>	<i>36,782</i>	<i>38,510</i>	<i>40,355</i>	<i>42,402</i>	<i>1.76%</i>	<i>0.45%</i>
<i>Hood County</i>										
Acton MUD (P)		12,222	15,036	18,435	21,599	24,913	29,088	33,909	NA	1.72%
Cresson (P)			295	360	439	536	654	799	NA	2.01%
DeCordova			3,074	3,125	3,177	3,230	3,283	3,337	NA	0.16%
Granbury	4,045	5,718	8,073	10,083	11,954	13,914	16,383	19,234	3.52%	2.04%
Lipan			599	844	1,189	1,675	2,359	3,323	NA	3.49%
Oak Trail Shores Subdivision		2,985	3,512	3,512	3,512	3,512	3,512	3,512	NA	0.27%
Tolar		504	749	958	1,153	1,357	1,614	1,911	NA	2.25%
County-Other	24,936	19,671	17,869	21,047	23,865	26,677	30,166	34,020	-2.34%	0.92%
<i>Hood County Total</i>	<i>28,981</i>	<i>41,100</i>	<i>49,207</i>	<i>58,364</i>	<i>66,888</i>	<i>75,814</i>	<i>87,059</i>	<i>100,045</i>	<i>3.56%</i>	<i>1.49%</i>
<i>Johnson County</i>										
Acton MUD (P)		101	133	171	211	255	309	376	NA	2.21%
Alvarado	2,918	3,288	4,204	4,627	5,071	5,556	6,158	6,897	1.20%	1.24%
Bethany WSC		3,000	3,373	3,813	4,275	4,780	5,406	6,174	NA	1.21%
Bethesda WSC (P)		14,650	19,035	24,199	29,625	35,552	42,905	51,926	NA	2.13%
Burleson (P)	14,153	17,514	27,206	42,037	52,747	52,747	52,747	52,747	2.15%	1.85%
Cleburne	22,205	26,005	30,572	34,467	38,558	43,027	48,353	52,812	1.59%	1.19%
Cresson (P)			78	95	116	141	172	210	NA	2.00%
Godley		879	1,136	1,439	1,757	2,105	2,536	3,065	NA	2.10%
Grandview	1,245	1,358	1,600	2,000	2,500	2,500	2,500	2,500	0.87%	1.02%
Johnson County SUD (P)		33,656	43,983	56,147	68,926	82,885	100,205	121,454	NA	2.16%
Joshua	3,828	4,528	5,503	6,247	7,028	7,881	8,940	10,239	1.69%	1.37%
Keene	3,944	5,003	5,882	6,917	8,004	9,192	10,666	12,474	2.41%	1.53%

Table 2-1 (Continued)

City/County	Historical		Projections ¹						Percent Growth ² 1990-00	Percent Growth ² 2000-60
	1990	2000	2010	2020	2030	2040	2050	2060		
Mansfield (P)	617	622	626	631	636	642	649	658	0.08%	0.09%
Mountain Peak WSC (P)		1,200	1,733	2,360	3,019	3,739	4,632	5,728	NA	2.64%
Parker WSC (P)		1,753	2,187	2,697	3,233	3,818	4,545	5,436	NA	1.90%
Rio Vista		656	751	863	981	1,110	1,270	1,466	NA	1.35%
Venus (P)	979	1,892	2,435	2,435	2,435	2,435	2,435	2,435	6.81%	0.42%
County-Other	47,276	10,706	9,014	9,236	9,468	9,717	10,026	10,402	-13.80%	-0.05%
Johnson County Total	97,165	126,811	159,451	200,381	238,590	268,082	304,454	346,999	2.70%	1.69%
Jones County										
Abilene (P)	797	5,488	5,600	5,737	5,728	5,641	5,476	5,263	21.28%	-0.07%
Anson	2,644	2,556	2,608	2,672	2,668	2,627	2,550	2,451	-0.34%	-0.07%
Hamlin	2,788	2,248	2,294	2,350	2,346	2,311	2,243	2,156	-2.13%	-0.07%
Hawley		646	659	675	674	664	645	620	NA	-0.07%
Hawley WSC (P)		5,006	5,109	5,233	5,225	5,146	4,995	4,801	NA	-0.07%
Stamford (P)	3,781	3,593	3,667	3,756	3,750	3,693	3,585	3,446	-0.51%	-0.07%
County-Other	6,480	1,248	1,274	1,306	1,304	1,284	1,244	1,196	-15.19%	-0.07%
Jones County Total	16,490	20,785	21,211	21,729	21,695	21,366	20,738	19,933	2.34%	-0.07%
Kent County										
Jayton	608	513	501	489	434	352	310	270	-1.68%	-1.06%
County-Other	402	346	339	332	299	250	225	202	-1.49%	-0.89%
Kent County Total	1,010	859	840	821	733	602	535	472	-1.61%	-0.99%
Knox County										
Knox City	1,440	1,219	1,198	1,239	1,241	1,245	1,243	1,226	-1.65%	0.01%
Munday	1,600	1,527	1,520	1,534	1,535	1,536	1,535	1,530	-0.47%	0.00%
County-Other	1,797	1,507	1,479	1,532	1,534	1,540	1,538	1,516	-1.74%	0.01%
Knox County Total	4,837	4,253	4,197	4,305	4,310	4,321	4,316	4,272	-1.28%	0.01%
Lampasas County										
Copperas Cove (P)		137	213	293	351	394	422	440	NA	1.96%
Kempner		1,004	1,286	1,584	1,800	1,960	2,065	2,131	NA	1.26%
Kempner WSC (P)		3,081	3,836	4,633	5,211	5,639	5,920	6,098	NA	1.14%
Lampasas	6,382	6,786	8,222	9,225	9,952	10,491	10,845	10,325	0.62%	0.70%
Lometa		782	869	961	1,028	1,078	1,110	1,130	NA	0.62%
County-Other	7,139	5,972	5,688	5,900	6,054	6,169	6,244	7,036	-1.77%	0.27%
Lampasas County Total	13,521	17,762	20,114	22,596	24,396	25,731	26,606	27,160	2.77%	0.71%
Lee County										
Aqua WSC (P)		2,604	2,949	3,365	3,708	3,985	4,226	4,430	NA	0.89%
Giddings	4,093	5,105	5,875	6,804	7,569	8,187	8,725	9,180	2.23%	0.98%
Lee County WSC (P)		4,125	4,913	5,864	6,648	7,280	7,831	8,297	NA	1.17%
Lexington	953	1,178	1,349	1,556	1,726	1,863	1,983	2,084	2.14%	0.96%
Manville WSC (P)		102	143	193	234	267	296	320	NA	1.92%
Southwest Milam WSC (P)		227	271	324	368	403	434	460	NA	1.18%
County-Other	7,808	2,316	2,289	2,256	2,230	2,209	2,190	2,175	-11.44%	-0.10%
Lee County Total	12,854	15,657	17,789	20,362	22,483	24,194	25,685	26,946	1.99%	0.91%
Limestone County										
Biston MWSD		552	552	552	552	552	552	552	NA	0.00%
Coolidge		848	957	1,096	1,172	1,230	1,287	1,362	NA	0.79%
Groesbeck	3,185	4,291	5,303	6,595	7,299	7,838	8,373	9,068	3.03%	1.25%
Kosse			500	503	506	509	512	515	NA	0.06%
Mexia	6,933	6,563	6,892	7,237	7,600	7,980	8,380	8,800	-0.55%	0.49%

Table 2-1 (Continued)

City/County	Historical		Projections ¹						Percent Growth ² 1990-00	Percent Growth ² 2000-60	
	1990	2000	2010	2020	2030	2040	2050	2060			
Thornton		524	524	524	524	524	524	524	524	NA	0.00%
Tri-County SUD (P)		1,059	1,210	1,403	1,508	1,588	1,668	1,772		NA	0.86%
County-Other	10,828	8,214	7,384	7,034	6,667	6,284	5,881	5,457		-2.73%	-0.68%
Limestone County Total	20,946	22,051	23,322	24,944	25,828	26,505	27,177	28,050		0.52%	0.40%
McLennan County											
Bellmead	8,336	9,214	9,875	10,541	11,102	11,684	12,054	12,591		1.01%	0.52%
Beverly Hills	2,048	2,113	2,162	2,211	2,253	2,296	2,323	2,363		0.31%	0.19%
Bruceville-Eddy (P)	1,074	1,488	1,800	2,114	2,379	2,653	2,827	3,080		3.31%	1.22%
Chalk Bluff WSC		2,700	3,487	4,280	4,948	5,641	6,081	6,720		NA	1.53%
Crawford		705	761	817	864	913	944	989		NA	0.57%
Cross Country WSC (P)		2,372	2,757	3,146	3,473	3,812	4,028	4,341		NA	1.01%
Elm Creek WSC (P)		1,343	1,822	2,305	2,712	3,134	3,402	3,791		NA	1.74%
Gholson		922	1,095	1,270	1,417	1,569	1,666	1,807		NA	1.13%
Hallsburg		518	569	621	664	709	738	780		NA	0.68%
Hewitt	8,983	11,085	12,667	14,262	15,606	16,999	17,884	19,170		2.12%	0.92%
Lacy-Lakeview	3,617	5,764	7,380	9,009	10,382	11,805	12,709	14,023		4.77%	1.49%
Lorena	1,158	1,433	1,640	1,849	2,025	2,207	2,323	2,491		2.15%	0.93%
Mart	2,004	2,273	2,475	2,679	2,851	3,029	3,142	3,307		1.27%	0.63%
McGregor	4,683	4,727	4,760	4,793	4,821	4,850	4,869	4,896		0.09%	0.06%
Moody	1,329	1,400	1,453	1,507	1,552	1,599	1,629	1,672		0.52%	0.30%
North Bosque WSC		1,350	1,818	2,290	2,688	3,100	3,362	3,743		NA	1.71%
Riesel		973	1,074	1,176	1,262	1,351	1,407	1,489		NA	0.71%
Robinson	7,111	7,845	9,592	11,353	12,837	14,375	15,352	16,772		0.99%	1.27%
Tri-County SUD (P)		112	136	160	180	201	214	234		NA	1.24%
Valley Mills (P)	10	3	3	3	3	3	3	3		-11.34%	0.00%
Waco	103,590	113,726	121,355	129,046	135,528	142,247	146,514	152,715		0.94%	0.49%
West	2,515	2,692	2,825	2,959	3,072	3,189	3,264	3,372		0.68%	0.38%
West Brazos WSC (P)		1,614	1,944	2,277	2,558	2,849	3,034	3,303		NA	1.20%
Western Hills WS		2,744	3,569	4,401	5,102	5,829	6,290	6,961		NA	1.56%
Woodway	8,695	8,733	8,762	8,791	8,815	8,840	8,856	8,879		0.04%	0.03%
County-Other	33,970	25,668	26,101	26,538	26,908	27,293	27,534	27,886		-2.76%	0.14%
McLennan County Total	189,123	213,517	231,882	250,398	266,002	282,177	292,449	307,378		1.22%	0.61%
Milam County											
Bell-Milam Falls WSC (P)		1,327	1,683	2,024	2,255	2,408	2,477	2,522		NA	1.08%
Cameron	5,580	5,634	6,231	6,900	7,331	7,596	7,663	7,693		0.10%	0.52%
Milano WSC (P)		1,568	1,829	2,079	2,248	2,360	2,411	2,444		NA	0.74%
Rockdale	5,235	5,439	5,596	5,746	5,848	5,915	5,946	5,966		0.38%	0.15%
Southwest Milam WSC (P)		5,419	6,643	7,813	8,606	9,130	9,368	9,521		NA	0.94%
Thorndale	1,092	1,278	1,421	1,558	1,651	1,712	1,740	1,758		1.59%	0.53%
County-Other	11,039	3,573	2,650	1,966	1,457	1,080	800	592		-10.67%	-2.95%
Milam County Total	22,946	24,238	26,053	28,086	29,396	30,201	30,405	30,496		0.55%	0.38%
Nolan County											
Bitter Creek WSC (P)		1,150	1,205	1,250	1,271	1,267	1,219	1,161		NA	0.02%
Roscoe	1,446	1,378	1,443	1,498	1,523	1,518	1,460	1,391		-0.48%	0.02%
Sweetwater	11,967	11,415	11,955	12,408	12,616	12,578	12,098	11,525		-0.47%	0.02%
County-Other	3,181	1,859	1,947	2,021	2,054	2,049	1,970	1,877		-5.23%	0.02%
Nolan County Total	16,594	15,802	16,550	17,177	17,464	17,412	16,747	15,954		-0.49%	0.02%

Table 2-1 (Continued)

City/County	Historical		Projections ¹						Percent Growth ² 1990-00	Percent Growth 2000-60
	1990	2000	2010	2020	2030	2040	2050	2060		
<i>Palo Pinto County</i>										
Fort Belknap WSC (P)		11	17	24	30	36	43	51	NA	2.59%
Graford		578	594	613	629	645	664	686	NA	0.29%
Mineral Wells (P)	14,388	14,770	15,074	16,200	17,123	17,955	18,873	19,901	0.26%	0.50%
Stephens County Rural WSC (P)		13	13	13	13	13	13	13	NA	0.00%
Strawn		739	767	801	830	858	891	929	NA	0.38%
County-Other	10,667	10,915	12,430	13,496	14,423	15,390	16,590	18,009	0.23%	0.84%
<i>Palo Pinto County Total</i>	<i>25,055</i>	<i>27,026</i>	<i>28,895</i>	<i>31,147</i>	<i>33,048</i>	<i>34,897</i>	<i>37,074</i>	<i>39,589</i>	<i>0.76%</i>	<i>0.64%</i>
<i>Robertson County</i>										
Bremond	1,110	876	876	876	876	876	876	876	-2.34%	0.00%
Calvert	1,536	1,426	1,426	1,426	1,426	1,426	1,426	1,426	-0.74%	0.00%
Franklin	1,336	1,470	1,592	1,754	1,856	1,925	1,934	1,927	0.96%	0.45%
Hearne	5,132	4,690	4,690	4,690	4,690	4,690	4,690	4,690	-0.90%	0.00%
Robertson County WSC		2,529	3,195	4,076	4,631	5,009	5,057	5,019	NA	1.15%
Tri-County SUD (P)		838	909	1,003	1,062	1,102	1,107	1,103	NA	0.46%
Wickson Creek SUD (P)		93	151	227	275	308	312	309	NA	2.02%
County-Other	6,397	4,078	4,325	4,652	4,858	4,999	5,017	5,003	-4.40%	0.34%
<i>Robertson County Total</i>	<i>15,511</i>	<i>16,000</i>	<i>17,164</i>	<i>18,704</i>	<i>19,674</i>	<i>20,335</i>	<i>20,419</i>	<i>20,353</i>	<i>0.31%</i>	<i>0.40%</i>
<i>Shackelford County</i>										
Albany	1,962	1,921	2,011	2,116	2,096	1,982	1,744	1,464	-0.21%	-0.45%
Hawley WSC (P)		61	64	67	67	63	55	46	NA	-0.47%
Stephens County Rural WSC (P)		13	14	14	14	13	12	10	NA	-0.44%
County-Other	1,354	1,307	1,367	1,441	1,426	1,348	1,186	996	-0.35%	-0.45%
<i>Shackelford County Total</i>	<i>3,316</i>	<i>3,302</i>	<i>3,456</i>	<i>3,638</i>	<i>3,603</i>	<i>3,406</i>	<i>2,997</i>	<i>2,516</i>	<i>-0.04%</i>	<i>-0.45%</i>
<i>Somervell County</i>										
Glen Rose	1,949	2,122	2,672	3,009	3,287	3,469	3,543	3,568	0.85%	0.87%
County-Other	3,411	4,687	4,870	5,384	5,807	6,085	6,197	6,236	3.23%	0.48%
<i>Somervell County Total</i>	<i>5,360</i>	<i>6,809</i>	<i>7,542</i>	<i>8,393</i>	<i>9,094</i>	<i>9,554</i>	<i>9,740</i>	<i>9,804</i>	<i>2.42%</i>	<i>0.61%</i>
<i>Stephens County</i>										
Breckenridge	5,665	5,868	5,989	6,084	6,128	6,069	5,838	5,654	0.35%	-0.06%
Fort Belknap WSC (P)		35	36	36	37	36	35	34	NA	-0.05%
Stephens County Rural WSC (P)		2,482	2,533	2,573	2,592	2,567	2,469	2,391	NA	-0.06%
County-Other	3,345	1,289	1,315	1,337	1,345	1,333	1,282	1,242	-9.10%	-0.06%
<i>Stephens County Total</i>	<i>9,010</i>	<i>9,674</i>	<i>9,873</i>	<i>10,030</i>	<i>10,102</i>	<i>10,005</i>	<i>9,624</i>	<i>9,321</i>	<i>0.71%</i>	<i>-0.06%</i>
<i>Stonewall County</i>										
Aspermont	1,214	1,021	1,017	985	937	877	823	771	-1.72%	-0.47%
County-Other	799	672	670	649	618	578	542	508	-1.72%	-0.47%
<i>Stonewall County Total</i>	<i>2,013</i>	<i>1,693</i>	<i>1,687</i>	<i>1,634</i>	<i>1,555</i>	<i>1,455</i>	<i>1,365</i>	<i>1,279</i>	<i>-1.72%</i>	<i>-0.47%</i>
<i>Taylor County</i>										
Abilene (P)	105,857	110,438	119,007	124,483	127,092	127,873	125,467	121,572	0.42%	0.16%
Coleman County WSC (P)		140	151	158	161	162	159	154	NA	0.16%
Hawley WSC (P)		677	730	763	779	784	769	745	NA	0.16%
Merkel	2,469	2,637	2,842	2,972	3,035	3,053	2,996	2,903	0.66%	0.16%
Potosi WSC (P)		3,430	3,696	3,866	3,947	3,971	3,897	3,776	NA	0.16%
Steamboat Mountain WSC		3,342	3,601	3,767	3,846	3,870	3,797	3,679	NA	0.16%
Tuscola		714	769	804	822	827	812	786	NA	0.16%

Table 2-1 (Continued)

City/County	Historical		Projections ¹						Percent Growth ² 1990-00	Percent Growth 2000-60
	1990	2000	2010	2020	2030	2040	2050	2060		
Tye	1,088	1,158	1,248	1,305	1,333	1,341	1,316	1,275	0.63%	0.16%
County-Other	10,241	4,015	4,326	4,527	4,619	4,648	4,559	4,419	-8.94%	0.16%
Taylor County Total	119,655	126,551	136,370	142,645	145,634	146,529	143,772	139,309	0.56%	0.16%
Throckmorton County										
Fort Belknap WSC (P)		105	105	102	97	90	84	80	NA	-0.45%
Stephens County Rural WSC (P)		79	79	77	73	68	63	60	NA	-0.46%
Throckmorton	1,036	905	905	877	838	775	725	688	-1.34%	-0.46%
County-Other	844	761	762	737	705	651	611	579	-1.03%	-0.45%
Throckmorton County Total	1,880	1,850	1,851	1,793	1,713	1,584	1,483	1,407	-0.16%	-0.46%
Washington County										
Brenham	11,952	13,507	14,313	15,306	15,940	16,285	16,594	16,844	1.23%	0.37%
County-Other	14,202	16,866	18,246	19,947	21,033	21,623	22,153	22,582	1.73%	0.49%
Washington County Total	26,154	30,373	32,559	35,253	36,973	37,908	38,747	39,426	1.51%	0.44%
Williamson County										
Aqua WSC (P)		420	504	603	721	849	989	1,139	NA	1.68%
Bartlett (P)	818	857	893	936	987	1,043	1,103	1,168	0.47%	0.52%
Bell-Milam Falls WSC (P)		274	362	467	592	727	874	1,032	NA	2.23%
Blockhouse MUD		4,452	7,197	10,452	14,322	18,530	23,108	28,018	NA	3.11%
Brushy Creek MUD		11,322	16,270	22,138	23,823	23,823	23,823	23,823	NA	1.25%
Cedar Park (P)	5,161	25,508	58,665	81,731	88,823	108,018	108,018	108,018	17.33%	2.43%
Chisholm Trail SUD (P)		11,202	19,019	28,290	39,312	51,297	64,336	78,320	NA	3.29%
Fern Bluff MUD		5,319	9,801	15,117	21,437	28,309	35,785	43,803	NA	3.58%
Florence		1,054	1,364	1,632	1,951	2,298	2,675	3,079	NA	1.80%
Georgetown	14,842	28,339	49,112	66,987	88,239	111,348	136,489	163,453	6.68%	2.96%
Granger	1,190	1,299	1,561	1,695	1,854	2,027	2,215	2,417	0.88%	1.04%
Hutto		1,250	12,479	17,153	22,709	28,750	35,317	42,363	NA	6.05%
Jarrell			1,433	1,474	1,517	1,561	1,606	1,652	NA	0.28%
Jarrell-Schwertner WSC (P)		2,720	2,362	3,596	5,068	6,672	8,420	10,297	NA	2.24%
Jonah Water SUD		7,962	10,685	13,915	17,755	21,930	26,472	31,344	NA	2.31%
Leander	3,398	7,596	22,675	31,803	42,654	54,454	67,291	81,059	8.38%	4.02%
Liberty Hill		1,409	2,440	3,663	5,117	6,698	8,418	10,263	NA	3.36%
Manville WSC (P)		5,273	7,979	11,188	15,003	19,151	23,664	28,504	NA	2.85%
Round Rock (P)	30,923	60,060	104,696	143,328	189,257	239,199	293,531	351,804	6.86%	2.99%
Southwest Milam WSC (P)		1,245	1,584	1,986	2,464	2,984	3,550	4,157	NA	2.03%
Taylor	11,472	13,575	17,935	20,613	23,797	27,259	31,025	35,065	1.70%	1.59%
Thrall		710	976	1,176	1,415	1,674	1,956	2,258	NA	1.95%
Weir		591	936	1,345	1,831	2,360	2,935	3,552	NA	3.03%
Wells Branch MUD (P)		168	168	168	168	168	168	168	NA	0.00%
Williamson-Travis County MUD #1 (P)		4,179	6,611	9,495	12,924	16,653	20,710	25,061	NA	3.03%
County-Other	68,991	14,690	2,379	1,750	2,551	11,961	24,831	32,693	-14.33%	1.34%
Williamson County Total	136,795	211,474	360,086	492,701	626,291	789,743	949,309	1,114,510	4.45%	2.81%
Young County										
Fort Belknap WSC (P)		3,349	3,382	3,455	3,460	3,420	3,370	3,339	NA	0.00%
Graham	8,986	8,716	8,800	8,993	9,006	8,903	8,772	8,690	-0.30%	0.00%
Newcastle		575	581	593	594	587	579	573	NA	-0.01%
Stephens County Rural WSC (P)		13	13	13	13	13	13	13	NA	0.00%

Table 2-1 (Concluded)

City/County	Historical		Projections ¹						Percent Growth ² 1990-00	Percent Growth 2000-60
	1990	2000	2010	2020	2030	2040	2050	2060		
County-Other	5,621	1,336	1,349	1,379	1,380	1,364	1,345	1,332	-13.38%	0.00%
Young County Total	14,607	13,989	14,125	14,433	14,453	14,287	14,079	13,947	-0.43%	-0.01%
Total For Region	1,344,536	1,621,961	1,957,767	2,278,243	2,576,783	2,873,382	3,164,777	3,448,879	1.89%	1.27%

Notes:
¹ Projections from Texas Water Development Board.
² Compound annual growth rate.
(P) Partial
'NA' indicates no data available in 1990.

Growth in the Brazos G Area is concentrated along the IH-35 corridor, stretching from Williamson County in the south to Johnson County in the north. Growth is also taking place along US Highway 183 in Williamson and Lampasas Counties, Taylor and Jones Counties (Abilene area), and Brazos County (Bryan/College Station area). Williamson County is projected to be the fastest growing county between 2000 and 2060, growing at 2.81 percent annually. Bell, Brazos, Coryell, Erath, Hood, and Johnson Counties are all projected to grow at more than 1.0 percent annually. A comparison of the annual growth rates for all the counties is shown in Figure 2-2.

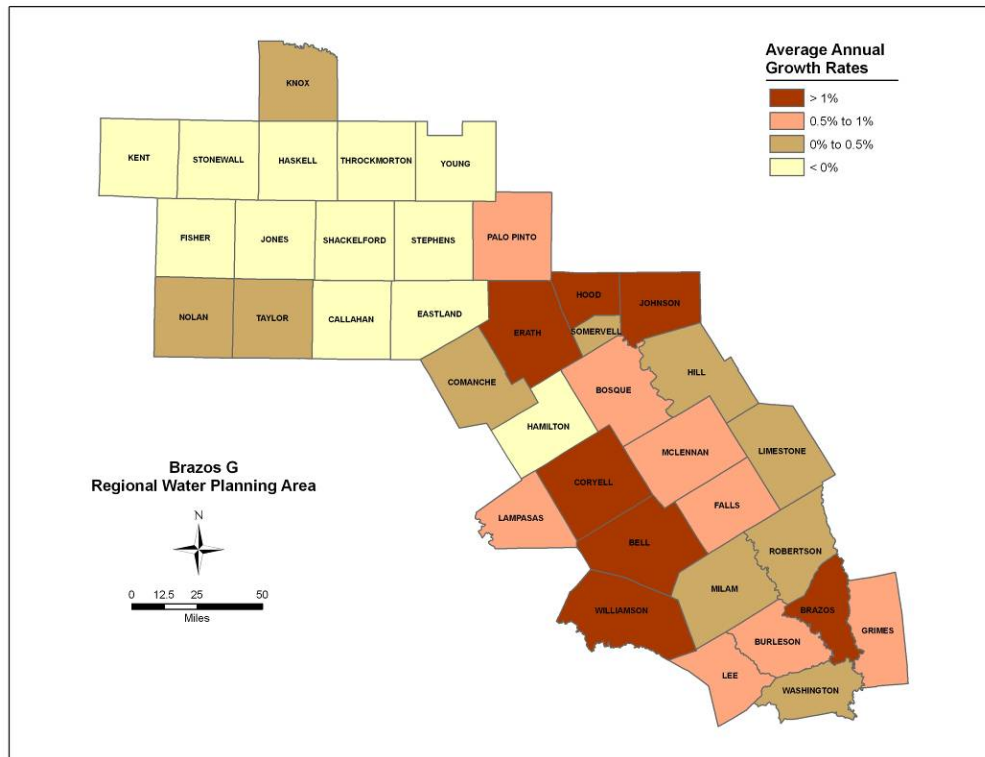


Figure 2-2. Projected Annual County Growth Rates in the Brazos G Regional Water Planning Area

2.2.1 Revisions to the 2006 Population Projections

The TWDB and the Brazos G RWPG developed revisions to population projections for specific municipal WUGs in the Brazos G Area for the 2011 Plan. Approved population revisions are detailed in Table 2-2. WUGs with suggested revisions can be classified into three categories:

1. **New WUGs.** These are city WUGs whose populations have grown sufficiently to be included as WUGs in the 2011 Plan. There are six proposed new WUGs, based on information provided by the TWDB, including Morgan (Bosque County), DeCordova (Hood County), Lipan (Hood County), Cresson (Hood and Johnson Counties), Jarrell (Williamson County) and Kosse (Limestone County). Cresson is located primarily in Region C. All of the population projections were able to be drawn from County-Other except for the City of Jarrell, for which the population was drawn from the Jarrell-Schwertner WSC.
2. **5 percent WUGs.** These are city WUGs for which the 2007 population estimated by the Texas State Data Center exceeds by 5 percent or more the 2007 population estimated with a straight-line interpolation between the 2000 and 2010 decadal estimates used in the 2006 Plan. There are twenty-seven 5 percent WUGs located outside of Johnson County. The revised population projections for these WUGS were generated by TWDB staff.
3. **Johnson County WUGs¹.** These are city WUGs located in Johnson County for which the recently completed Four-County Study conducted by Region C (assisted by Brazos G) recommends increases in the population projections. A few of these WUGs also meet the “5 percent in 2007” criteria, but are excluded from the list of 5 percent WUGs because they are located in Johnson County and are part of the Four-County Study.

Projections were not revised for non-city WUGs, except for reductions to County-Other and Jarrell-Schwertner WSC, from which some population increases were drawn.

¹ Since the 2006 Plan, Johnson County SUD has merged with Johnson County FWSD, reducing the number of WUGs by one in Johnson County.

Table 2-2.
TWDB Approved Revisions to the 2006 Population Projections

Plan	County	WUG	2006 and Revised (2011) Population Projection					
			2010	2020	2030	2040	2050	2060
2006 RWP	BELL	BELL COUNTY-OTHER	1,810	1,813	1,810	1,809	1,808	1,809
2011 RWP	BELL	BELL COUNTY-OTHER	1,289	1,223	1,157	1,116	1,089	1,071
2006 RWP	BELL	HARKER HEIGHTS	22,477	29,147	34,822	39,636	41,096	41,818
2011 RWP	BELL	HARKER HEIGHTS	23,869	30,952	36,978	42,090	43,640	44,407
2006 RWP	BELL	KILLEEN	104,528	117,239	130,315	142,772	156,151	169,937
2011 RWP	BELL	KILLEEN	113,217	126,985	141,148	154,641	169,132	184,064
2006 RWP	BELL	MORGANS POINT RESORT	3,698	4,191	4,637	4,924	5,109	5,243
2011 RWP	BELL	MORGANS POINT RESORT	4,219	4,781	5,290	5,617	5,828	5,981
2006 RWP	BELL	NOLANVILLE	2,333	2,460	2,575	2,649	2,697	2,732
2011 RWP	BELL	NOLANVILLE	2,611	2,753	2,882	2,965	3,019	3,058
2006 RWP	BOSQUE	BOSQUE COUNTY-OTHER	19,831	22,646	24,622	25,364	25,667	26,032
2011 RWP	BOSQUE	BOSQUE COUNTY-OTHER	5,521	6,877	7,782	8,029	8,025	8,025
2006 RWP	BOSQUE	MORGAN	1,164	1,211	1,244	1,256	1,261	1,267
2011 RWP	BOSQUE	MORGAN	569	668	784	920	1,080	1,268
2006 RWP	BOSQUE	VALLEY MILLS	804	857	894	908	914	921
2011 RWP	BOSQUE	VALLEY MILLS	1,279	1,449	1,568	1,613	1,631	1,653
2006 RWP	CALLAHAN	CALLAHAN COUNTY-OTHER	6,371	6,443	6,332	6,208	6,070	5,955
2011 RWP	CALLAHAN	CALLAHAN COUNTY-OTHER	5,958	6,024	5,922	5,808	5,681	5,575
2006 RWP	CALLAHAN	CLYDE	3,320	3,368	3,296	3,215	3,125	3,050
2011 RWP	CALLAHAN	CLYDE	3,733	3,787	3,706	3,615	3,514	3,430
2006 RWP	EASTLAND	EASTLAND	3,777	3,787	3,720	3,618	3,500	3,342
2011 RWP	EASTLAND	EASTLAND	4,017	4,028	3,957	3,849	3,723	3,555
2006 RWP	EASTLAND	EASTLAND COUNTY-OTHER	6,021	6,036	5,932	5,769	5,579	5,329
2011 RWP	EASTLAND	EASTLAND COUNTY-OTHER	5,781	5,795	5,695	5,538	5,356	5,116
2006 RWP	HAMILTON	HAMILTON COUNTY-OTHER	3,507	3,407	3,329	3,355	3,252	3,245
2011 RWP	HAMILTON	HAMILTON COUNTY-OTHER	3,431	3,331	3,253	3,279	3,176	3,169
2006 RWP	HAMILTON	HICO	1,341	1,341	1,341	1,341	1,341	1,341
2011 RWP	HAMILTON	HICO	1,417	1,417	1,417	1,417	1,417	1,417
2006 RWP	HILL	HILL COUNTY-OTHER	2,892	3,144	3,428	3,712	4,014	4,349
2011 RWP	HILL	HILL COUNTY-OTHER	2,074	2,305	2,566	2,827	3,104	3,411
2006 RWP	HILL	HILLSBORO	8,477	8,820	9,208	9,595	10,008	10,467
2011 RWP	HILL	HILLSBORO	8,923	9,284	9,692	10,099	10,534	11,017
2006 RWP	HILL	HUBBARD	1,586	1,586	1,586	1,586	1,586	1,586
2011 RWP	HILL	HUBBARD	1,713	1,713	1,713	1,713	1,713	1,713
2006 RWP	HILL	ITASCA	1,499	1,493	1,487	1,481	1,474	1,466
2011 RWP	HILL	ITASCA	1,633	1,626	1,619	1,612	1,604	1,595
2006 RWP	HILL	WHITNEY	2,046	2,112	2,187	2,262	2,343	2,432
2011 RWP	HILL	WHITNEY	2,157	2,227	2,306	2,385	2,470	2,564
2006 RWP	HOOD	CRESSON	0	0	0	0	0	0
2011 RWP	HOOD	CRESSON	295	360	439	536	654	799
2006 RWP	HOOD	DECORDOVA	0	0	0	0	0	0
2011 RWP	HOOD	DECORDOVA	3,074	3,125	3,177	3,230	3,283	3,337
2006 RWP	HOOD	GRANBURY	6,843	8,202	9,467	10,792	12,461	14,388
2011 RWP	HOOD	GRANBURY	8,073	10,083	11,954	13,914	16,383	19,234
2006 RWP	HOOD	HOOD COUNTY-OTHER	23,312	27,711	31,806	36,093	41,494	47,732
2011 RWP	HOOD	HOOD COUNTY-OTHER	17,869	21,047	23,865	26,677	30,166	34,020

Table 2-2 (Continued)

Plan	County	WUG	2006 and Revised (2011) Population Projection					
			2010	2020	2030	2040	2050	2060
2006 RWP	HOOD	LIPAN	0	0	0	0	0	0
2011 RWP	HOOD	LIPAN	599	844	1,189	1,675	2,359	3,323
2006 RWP	HOOD	TOLAR	504	504	504	504	504	504
2011 RWP	HOOD	TOLAR	749	958	1,153	1,357	1,614	1,911
2006 RWP	JOHNSON	ALVARADO	3,595	3,957	4,337	4,752	5,267	5,899
2011 RWP	JOHNSON	ALVARADO	4,204	4,627	5,071	5,556	6,158	6,897
2006 RWP	JOHNSON	BURLESON	20,303	23,588	27,039	30,809	35,486	41,224
2011 RWP	JOHNSON	BURLESON	27,206	42,037	52,747	52,747	52,747	52,747
2006 RWP	JOHNSON	CLEBURNE	29,158	32,872	36,774	41,036	46,324	52,812
2011 RWP	JOHNSON	CLEBURNE	30,572	34,467	38,558	43,027	48,353	52,812
2006 RWP	JOHNSON	CRESSON	0	0	0	0	0	0
2011 RWP	JOHNSON	CRESSON	78	95	116	141	172	210
2006 RWP	JOHNSON	GRANDVIEW	1,452	1,562	1,678	1,805	1,962	2,155
2011 RWP	JOHNSON	GRANDVIEW	1,600	2,000	2,500	2,500	2,500	2,500
2006 RWP	JOHNSON	JOHNSON COUNTY-OTHER	11,115	11,596	12,102	12,653	13,338	14,177
2011 RWP	JOHNSON	JOHNSON COUNTY-OTHER	9,014	9,236	9,468	9,717	10,026	10,402
2006 RWP	JOHNSON	JOSHUA	5,114	5,805	6,531	7,324	8,308	9,515
2011 RWP	JOHNSON	JOSHUA	5,503	6,247	7,028	7,881	8,940	10,239
2006 RWP	JOHNSON	VENUS	1,892	1,892	1,892	1,892	1,892	1,892
2011 RWP	JOHNSON	VENUS	2,435	2,435	2,435	2,435	2,435	2,435
2006 RWP	LAMPASAS	LAMPASAS	7,010	7,246	7,417	7,544	7,627	7,680
2011 RWP	LAMPASAS	LAMPASAS	8,222	9,225	9,952	10,491	10,845	10,325
2006 RWP	LAMPASAS	LAMPASAS COUNTY-OTHER	6,900	7,879	8,589	9,116	9,462	9,681
2011 RWP	LAMPASAS	LAMPASAS COUNTY-OTHER	5,688	5,900	6,054	6,169	6,244	7,036
2006 RWP	LIMESTONE	KOSSE	0	0	0	0	0	0
2011 RWP	LIMESTONE	KOSSE	500	503	506	509	512	515
2006 RWP	LIMESTONE	LIMESTONE COUNTY-OTHER	7,884	7,537	7,173	6,793	6,393	5,972
2011 RWP	LIMESTONE	LIMESTONE COUNTY-OTHER	7,384	7,034	6,667	6,284	5,881	5,457
2006 RWP	MCLENNAN	MCLENNAN COUNTY-OTHER	27,296	28,937	30,322	31,758	32,667	33,990
2011 RWP	MCLENNAN	MCLENNAN COUNTY-OTHER	26,101	26,538	26,908	27,293	27,534	27,886
2006 RWP	MCLENNAN	ROBINSON	8,397	8,954	9,423	9,910	10,219	10,668
2011 RWP	MCLENNAN	ROBINSON	9,592	11,353	12,837	14,375	15,352	16,772
2006 RWP	MILAM	CAMERON	5,634	5,634	5,634	5,634	5,634	5,634
2011 RWP	MILAM	CAMERON	6,231	6,900	7,331	7,596	7,663	7,693
2006 RWP	SOMERVELL	GLEN ROSE	2,210	2,312	2,396	2,451	2,473	2,481
2011 RWP	SOMERVELL	GLEN ROSE	2,672	3,009	3,287	3,469	3,543	3,568
2006 RWP	SOMERVELL	SOMERVELL COUNTY-OTHER	5,332	6,081	6,698	7,103	7,267	7,323
2011 RWP	SOMERVELL	SOMERVELL COUNTY-OTHER	4,870	5,384	5,807	6,085	6,197	6,236
2006 RWP	WILLIAMSON	CEDAR PARK	52,700	73,421	102,705	128,373	154,089	187,931
2011 RWP	WILLIAMSON	CEDAR PARK	58,665	81,731	88,823	108,018	108,018	108,018
2006 RWP	WILLIAMSON	FLORENCE	1,263	1,511	1,806	2,127	2,476	2,850
2011 RWP	WILLIAMSON	FLORENCE	1,364	1,632	1,951	2,298	2,675	3,079
2006 RWP	WILLIAMSON	GEORGETOWN	40,888	55,770	73,463	92,702	113,633	136,082
2011 RWP	WILLIAMSON	GEORGETOWN	49,112	66,987	88,239	111,348	136,489	163,453
2006 RWP	WILLIAMSON	GRANGER	1,400	1,520	1,663	1,818	1,987	2,168
2011 RWP	WILLIAMSON	GRANGER	1,561	1,695	1,854	2,027	2,215	2,417

Table 2-2 (Concluded)

Plan	County	WUG	2006 and Revised (2011) Population Projection					
			2010	2020	2030	2040	2050	2060
2006 RWP	WILLIAMSON	HUTTO	1,826	2,510	3,323	4,207	5,168	6,199
2011 RWP	WILLIAMSON	HUTTO	12,479	17,153	22,709	28,750	35,317	42,363
2006 RWP	WILLIAMSON	JARRELL	0	0	0	0	0	0
2011 RWP	WILLIAMSON	JARRELL	1,433	1,474	1,517	1,561	1,606	1,652
2006 RWP	WILLIAMSON	JARRELL-SCHWERTNER WSC	3,795	5,070	6,585	8,233	10,026	11,949
2011 RWP	WILLIAMSON	JARRELL-SCHWERTNER WSC	2,362	3,596	5,068	6,672	8,420	10,297
2006 RWP	WILLIAMSON	LEANDER	11,499	16,128	21,631	27,615	34,125	41,107
2011 RWP	WILLIAMSON	LEANDER	22,675	31,803	42,654	54,454	67,291	81,059
2006 RWP	WILLIAMSON	ROUND ROCK	87,187	119,358	157,606	199,196	244,442	292,970
2011 RWP	WILLIAMSON	ROUND ROCK	104,696	143,328	189,257	239,199	293,531	351,804
2006 RWP	WILLIAMSON	TAYLOR	15,530	17,849	20,606	23,604	26,865	30,363
2011 RWP	WILLIAMSON	TAYLOR	17,935	20,613	23,797	27,259	31,025	35,065
2006 RWP	WILLIAMSON	THRALL	859	1,035	1,245	1,473	1,721	1,987
2011 RWP	WILLIAMSON	THRALL	976	1,176	1,415	1,674	1,956	2,258
2006 RWP	WILLIAMSON	WILLIAMSON COUNTY-OTHER	2,758	2,187	3,057	12,542	25,493	33,442
2011 RWP	WILLIAMSON	WILLIAMSON COUNTY-OTHER	2,379	1,750	2,551	11,961	24,831	32,693

2.3 Water Demand Projections

Water demand projections have been compiled for each type of consumptive water use (municipal, manufacturing, steam-electric, mining, irrigation, and livestock); projections for non-consumptive water uses, such as navigation, hydroelectric generation, environmental flows, and recreation, are not presented. As shown in Table 2-3, total water use for the region is projected to increase from 795,183 acft in 2000 to 1,248,514 acft in 2060, a 57 percent increase. The trend in total water use is shown in Figure 2-3. The six types of water use as percentages of total water use are shown for 2000 and 2060 in Figure 2-4. The projections indicate that municipal, manufacturing, and steam-electric water use as percentages of the total water use increase from 2000 to 2060, while mining, irrigation, and livestock water use are projected to decrease as percentages of the total. A water demand projection summary sheet for each county, broken down by type of use, is presented in Section 4.

2.3.1 Municipal Water Demand

Municipal water use is defined as water that is used by households (e.g., drinking, bathing, food preparation, dishwashing, laundry, flushing toilets, lawn watering and landscaping, swimming pools), commercial establishments, (e.g., restaurants, car washes, hotels, laundromats,

and office buildings) and for fire protection, public recreation and sanitation. This type of water must meet safe-drinking water standards as specified by Federal and State laws and regulations.

Table 2-3.
Brazos G Area Total Water Demand by Type of Use
(acft/yr)

Water Use	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
Municipal	236,955	316,798	361,420	417,463	466,107	515,151	565,027	615,483
Manufacturing	32,240	16,939	19,787	23,201	25,077	26,962	30,191	31,942
Steam-Electric	57,657	103,330	168,193	221,696	254,803	271,271	300,859	319,884
Mining	6,944	72,854	36,664	37,591	38,037	27,251	20,744	21,243
Irrigation	200,954	233,686	232,541	227,697	222,691	217,859	213,055	208,386
Livestock	47,070	51,576	51,576	51,576	51,576	51,576	51,576	51,576
Total for Region	581,820	795,183	870,181	979,224	1,058,291	1,110,070	1,181,452	1,248,514

¹ Projections from Texas Water Development Board

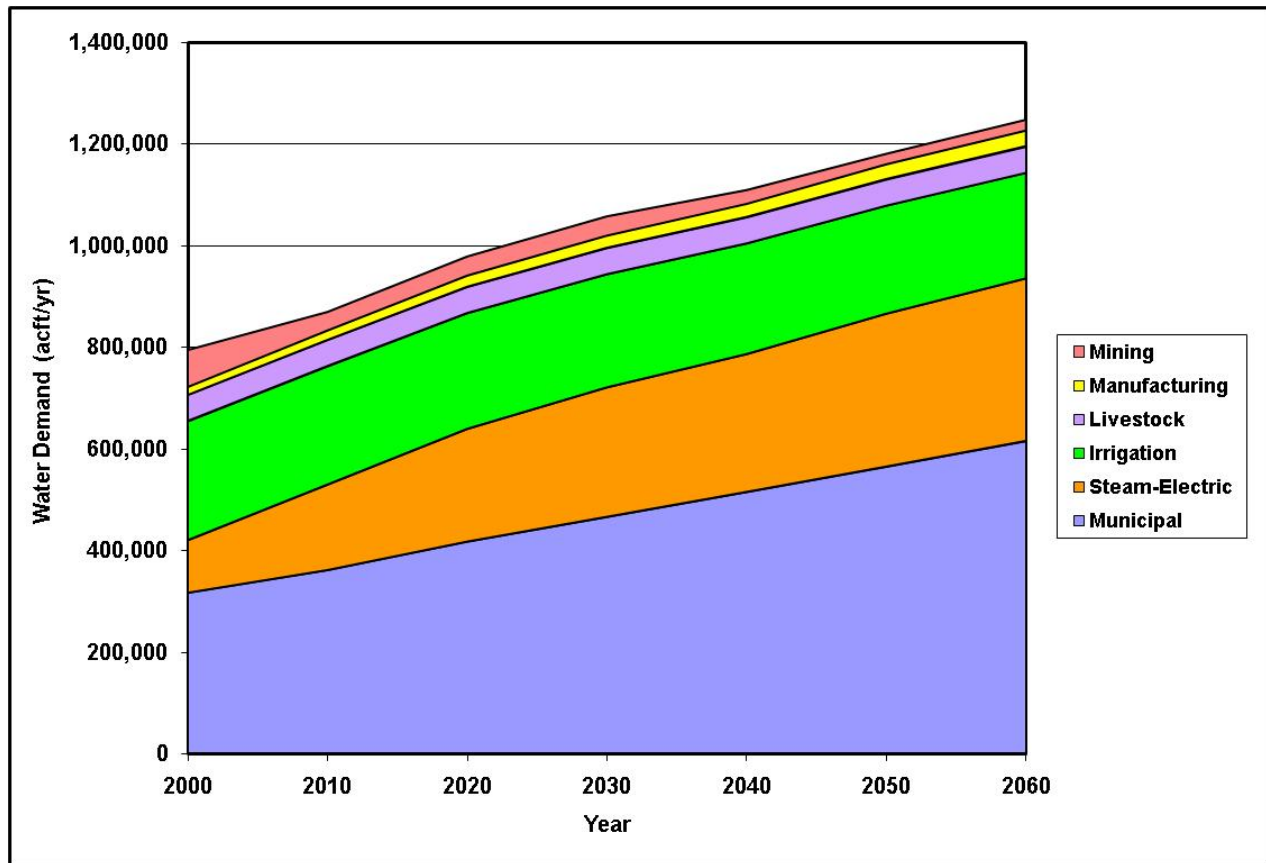


Figure 2-3. Projected Total Water Demand

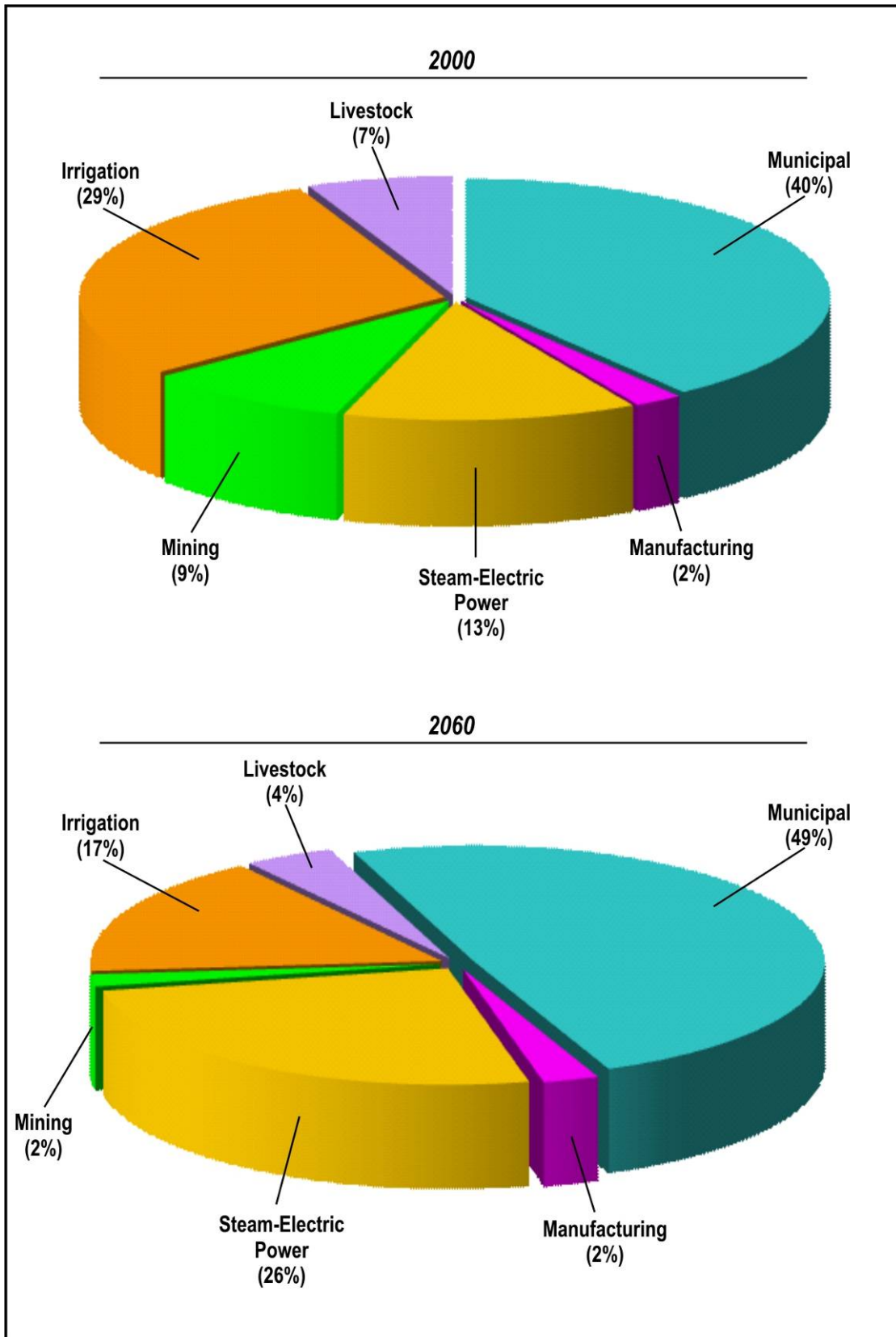


Figure 2-4. Total Water Demand by Type of Use in 2000 and 2060

Municipal water demand projections are computed by multiplying the projected population of an entity by the entity's projected per capita water use, adjusted downward for expected conservation savings due primarily to continued implementation of the 1991 State Water-Efficient Plumbing Act. Full implementation of the Act – retrofit of all existing fixtures with water-efficient fixtures and water-efficient fixtures installed in all new construction – was assumed to occur by Year 2045.

Table 2-4 presents projected per capita water use for water user groups in the Brazos G Area. These per capita water use rates reflect reductions due to implementation of the 1991 State Water-Efficient Plumbing Act. These reductions vary depending on the rural/urban nature of each Water User Group and projected growth, and range from 0 gallons per capita per day (gpcd) to 20 gpcd. Per capita water use varies widely, ranging between 45 gpcd to 409 gpcd in the Brazos G Area. The Brazos G average in 2010 is projected to be 138 gpcd. Lower per capita water uses are typically associated with smaller, rural water utilities where outside water use for lawns or landscaping is limited, or is supplemented with individual residential wells and/or stock tanks. Larger per capita water use is typically associated with areas having large suburban residential growth or established urban areas having significant commercial water use. The Conservation Task Force formed by the 78th Texas Legislature has recommended a statewide target per capita water use of 140 gpcd.²

Annual municipal water use for the region is projected to increase by 298,685 acft between 2000 and 2060, from 316,798 acft to 615,483 acft, a 94 percent increase. As can be seen in Figure 2-5, seven counties - Bell, Brazos, Coryell, Johnson, McLennan, Taylor, and Williamson - are projected to account for 81 percent of the total municipal water use in 2060. Municipal water use projections for all 37 counties and 226 cities, other utilities, and 'County-Other' in the region are presented in Table 2-5.

The 94 percent projected increase in municipal water demand over the 60-year planning horizon is less than the projected population increase of 113 percent due to expected savings in per capita water use resulting from continued implementation of the 1991 State Water-Efficient Plumbing Act.

² Water Conservation Implementation Task Force, Report to the 79th Texas Legislature, Texas Water Development Board, Special Report, Austin, Texas, November 2004.

Table 2-4.
Per Capita Water Use for Water User Groups
in the Brazos G Regional Water Planning Area (gpcd)

Water User Group	Per Capita Use Rates ^{1,4}							Reduction due to Plumbing Fixtures Act (2010 to 2060)
	Base (2000)	2010	2020	2030	2040	2050	2060	
439 WSC	110	106	104	102	101	100	100	6
ABILENE	304	164	161	158	155	154	154	10
ACTON MUD	148	144	141	139	138	137	137	7
ALBANY	298	295	291	288	286	284	284	11
ALVARADO	125	121	117	115	112	111	111	10
ANSON	146	142	139	136	133	131	131	11
AQUA WSC	139	134	131	128	127	126	126	8
ASPERMONT	180	177	174	171	168	166	166	11
BAIRD	218	214	211	208	205	203	203	11
BARTLETT	180	176	173	170	167	166	166	10
BELL COUNTY-OTHER	139	139	137	134	134	132	133	6
BELLMEAD	240	237	233	231	228	227	227	10
BELL-MILAM FALLS WSC	135	130	127	125	124	123	123	7
BELTON	147	143	140	138	135	134	134	9
BETHANY WSC	100	96	93	90	88	87	87	9
BETHESDA WSC	134	129	126	124	123	122	122	7
BEVERLY HILLS	174	171	168	165	161	160	160	11
BISTONE MWSD	243	239	236	233	230	228	228	11
BITTER CREEK WSC	94	90	87	84	81	80	80	10
BLOCKHOUSE MUD	116	112	110	109	108	108	108	4
BOSQUE COUNTY-OTHER	121	116	113	111	110	109	109	7
BRANDON-IRENE WSC	113	109	106	103	100	99	99	10
BRAZOS COUNTY-OTHER	124	123	121	119	116	114	114	9
BRECKENRIDGE	149	181	179	177	175	174	174	7
BREMOND	163	160	157	154	151	149	149	11
BRENHAM	195	192	188	185	182	181	181	11
BRUCEVILLE-EDDY	413	409	406	404	402	401	401	8
BRUSHY CREEK MUD	150	145	145	145	145	145	145	0
BRYAN	147	143	140	137	135	134	134	9
BURLESON	150	146	142	140	138	137	137	9
BURLESON COUNTY-OTHER	102	98	95	93	91	90	90	8
CALDWELL	163	198	194	191	188	187	187	11
CALLAHAN COUNTY-OTHER	82	79	76	73	71	69	69	10
CALVERT	208	205	202	199	196	194	194	11
CAMERON	233	230	227	224	221	219	219	11
CEDAR PARK	185	182	181	180	180	180	180	2
CHALK BLUFF WSC	117	113	110	108	107	106	106	7
CHILDRESS CREEK WSC	121	117	113	111	109	108	108	9
CHISHOLM TRAIL SUD	110	142	145	147	150	152	152	0
CISCO	172	169	166	163	160	158	158	11
CLEBURNE	143	176	173	170	168	167	167	9

Table 2-4 (Continued)

Water User Group	Per Capita Use Rates ^{1,4}							Reduction due to Plumbing Fixtures Act (2010 to 2060)
	Base (2000)	2010	2020	2030	2040	2050	2060	
CLIFTON	163	159	155	153	150	149	149	10
CLYDE	76	73	70	67	64	62	62	11
COLEMAN COUNTY WSC	116	115	113	109	106	106	105	10
COLLEGE STATION	225	221	217	215	213	212	212	9
COMANCHE	110	124	120	117	114	113	113	11
COMANCHE COUNTY-OTHER	117	113	110	107	104	102	102	11
COOLIDGE	93	89	84	82	80	79	79	10
COPPERAS COVE	98	93	90	87	85	84	84	9
CORYELL COUNTY-OTHER	248	244	240	237	235	234	234	10
CRAWFORD	80	76	73	70	67	66	66	10
CRESSON ³		132	129	127	124	123	123	9
CROSS COUNTRY WSC	149	144	141	139	137	136	136	8
CROSS PLAINS	143	140	137	134	131	129	129	11
DE LEON	105	101	98	95	92	91	91	10
DECORDOVA ³		173	169	166	164	163	163	10
DOG RIDGE WSC	148	144	141	139	138	137	137	7
DUBLIN	108	104	100	97	95	94	94	10
EAST BELL COUNTY WSC	98	94	91	88	86	85	85	9
EASTLAND	208	204	201	198	195	193	193	11
EASTLAND COUNTY-OTHER	124	121	118	115	112	110	110	11
ELM CREEK WSC	95	90	88	86	85	84	84	6
ERATH COUNTY-OTHER	96	92	89	87	85	84	84	8
FALLS COUNTY-OTHER	100	99	97	95	90	86	85	14
FERN BLUFF MUD	125	122	121	120	120	120	120	2
FILES VALLEY WSC	188	185	182	179	176	175	175	10
FISHER COUNTY-OTHER	195	193	190	188	183	181	182	11
FLORENCE	163	158	155	152	150	149	149	9
FORT BELKNAPP WSC	91	88	86	84	82	81	81	7
FORT GATES WSC	130	126	123	120	118	117	117	9
FORT HOOD (CDP) ²	197	227	224	221	218	216	216	11
FRANKLIN	197	193	190	187	184	183	183	10
GATESVILLE	159	155	152	150	149	148	148	7
GEORGETOWN	193	188	186	184	183	183	183	5
GHOLSON	126	122	119	116	115	114	114	8
GIDDINGS	172	168	165	163	161	160	160	8
GLEN ROSE	223	220	216	213	210	209	209	11
GODLEY	135	131	128	127	125	125	125	6
GORMAN	103	99	96	93	90	88	88	11
GRAFORD	100	98	95	91	89	87	87	11
GRAHAM	159	155	152	149	146	144	144	11
GRANBURY	313	309	306	303	302	301	301	8
GRANDVIEW	132	128	125	122	119	118	118	10
GRANGER	122	118	115	113	109	108	108	10
GRIMES COUNTY-OTHER	79	76	72	70	67	66	66	10
GROESBECK	132	128	125	123	122	121	121	7

Table 2-4 (Continued)

Water User Group	Per Capita Use Rates ^{1,4}							Reduction due to Plumbing Fixtures Act (2010 to 2060)
	Base (2000)	2010	2020	2030	2040	2050	2060	
HALLSBURG	222	218	216	212	209	208	208	10
HAMILTON	171	168	165	162	159	157	157	11
HAMILTON COUNTY-OTHER	114	112	109	105	102	100	100	12
HAMLIN	145	141	138	135	132	130	130	11
HARKER HEIGHTS	150	146	143	140	138	137	137	9
HASKELL	168	165	161	158	155	153	153	12
HASKELL COUNTY-OTHER	102	99	96	92	89	87	87	12
HAWLEY	232	229	225	223	220	219	217	12
HAWLEY WSC	72	70	67	65	63	62	62	8
HEARNE	218	214	211	208	205	203	203	11
HEWITT	148	143	140	137	135	134	134	9
HICO	194	190	187	184	181	180	180	10
HILL COUNTY-OTHER	117	115	112	110	109	108	108	7
HILLSBORO	185	182	179	176	173	172	172	10
HOLLAND	105	101	98	95	92	90	90	11
HOOD COUNTY-OTHER	146	143	140	138	137	136	136	7
HUBBARD	104	101	98	95	92	90	90	11
HUTTO	126	121	119	118	117	117	117	4
ITASCA	127	123	120	117	114	112	113	10
JARRELL ³		130	127	125	124	122	112	18
JARRELL-SCHWERTNER WSC	186	181	179	177	175	175	175	6
JAYTON	204	200	197	195	190	190	188	12
JOHNSON COUNTY SUD	171	163	166	169	175	180	180	(17)
JOHNSON COUNTY-OTHER	226	223	221	219	217	216	216	7
JONAH WATER SUD	130	140	143	141	139	138	138	2
JONES COUNTY-OTHER	89	86	83	80	77	75	75	11
JOSHUA	134	130	126	123	121	120	120	10
KEENE	98	94	91	89	87	86	86	8
KEMPNER	212	208	206	204	203	202	202	6
KEMPNER WSC	305	301	298	297	296	295	295	6
KENT COUNTY-OTHER	114	111	108	107	104	99	102	9
KILLEEN	132	154	179	177	174	170	167	0
KNOX CITY	171	168	165	162	159	157	157	11
KNOX COUNTY-OTHER	134	131	128	125	122	120	120	11
KOSSE ³		134	133	131	128	127	128	6
LACY-LAKEVIEW	105	101	98	96	95	94	94	7
LAKE WHITNEY WATER COMPANY	106	103	100	97	94	92	92	11
LAMPASAS	161	200	195	190	185	183	180	20
LAMPASAS COUNTY-OTHER	152	149	146	144	142	141	141	8
LEANDER	158	153	151	149	148	148	148	5
LEE COUNTY WSC	136	131	127	125	124	123	123	8
LEE COUNTY-OTHER	131	128	125	122	119	117	117	11
LEXINGTON	183	179	175	173	171	170	170	9
LIBERTY HILL	170	166	164	164	163	163	163	3

Table 2-4 (Continued)

Water User Group	Per Capita Use Rates ^{1,4}							Reduction due to Plumbing Fixtures Act (2010 to 2060)
	Base (2000)	2010	2020	2030	2040	2050	2060	
LIMESTONE COUNTY-OTHER	104	100	97	94	91	90	90	10
LIPAN ³		255	253	250	248	248	248	7
LITTLE RIVER-ACADEMY	141	137	134	131	128	127	127	10
LOMETA	138	134	131	128	126	125	126	8
LORENA	206	201	197	194	192	191	191	10
LOTT	122	120	116	113	110	109	109	11
MANSFIELD	212	235	243	241	241	241	242	0
MANVILLE WSC	123	119	117	115	114	114	114	5
MARLIN	350	346	343	340	337	336	336	10
MART	125	121	118	115	113	112	112	9
MCGREGOR	179	175	172	169	166	164	164	11
MCLENNAN COUNTY-OTHER	221	217	213	211	208	207	207	10
MERIDIAN	130	126	123	120	117	116	116	10
MERKEL	148	144	141	138	135	134	134	10
MEXIA	165	162	159	156	152	150	150	12
MILAM COUNTY-OTHER	138	135	132	129	126	124	124	11
MILANO WSC	99	95	91	89	87	86	86	9
MINERAL WELLS	175	171	168	166	163	162	162	9
MOFFAT WSC	84	81	78	76	74	73	73	8
MOODY	127	124	120	117	114	113	113	11
MORGAN ³		116	115	113	112	110	110	6
MORGANS POINT RESORT	104	100	97	95	94	93	93	7
MOUNTAIN PEAK WSC	166	161	159	158	156	156	156	5
MUNDAY	161	157	154	151	148	146	146	11
NAVASOTA	182	179	175	172	169	168	168	11
NEWCASTLE	93	91	86	83	81	79	79	12
NOLAN COUNTY-OTHER	94	91	87	84	81	80	80	11
NOLANVILLE	124	119	116	113	110	109	109	10
NORTH BOSQUE WSC	185	180	177	176	175	174	174	6
OAK TRAIL SHORES SUBDIVISION	134	130	128	125	123	122	122	8
PALO PINTO COUNTY-OTHER	134	130	126	123	121	120	120	10
PARKER WSC	121	117	114	111	110	109	109	8
PENDLETON WSC	85	80	78	75	73	72	72	8
POTOSI WSC	103	100	97	95	92	91	91	9
RANGER	113	109	106	103	100	98	98	11
RIESEL	95	91	88	85	83	82	82	9
RIO VISTA	88	84	80	77	75	74	74	10
RISING STAR	82	79	76	73	70	68	68	11
ROBERTSON COUNTY WSC	77	72	69	67	66	65	65	7
ROBERTSON COUNTY-OTHER	120	117	114	112	110	109	109	8
ROBINSON	122	118	115	112	109	108	108	10
ROBY	103	99	98	95	92	91	91	8
ROCKDALE	188	200	200	200	200	200	200	0
ROGERS	159	156	153	150	147	145	145	11
ROSCOE	121	117	113	110	107	106	106	11

Table 2-4 (Continued)

Water User Group	Per Capita Use Rates ^{1,4}							Reduction due to Plumbing Fixtures Act (2010 to 2060)
	Base (2000)	2010	2020	2030	2040	2050	2060	
ROSEBUD	106	102	99	96	93	91	91	11
ROTAN	161	159	155	152	149	147	147	12
ROUND ROCK	201	197	194	192	191	191	191	6
RULE	110	108	105	101	98	97	95	13
SALADO WSC	229	225	222	220	219	218	218	7
SHACKELFORD COUNTY-OTHER	194	190	186	183	181	179	179	11
SNOOK	215	210	209	205	202	202	202	8
SOMERVELL COUNTY-OTHER	92	88	86	84	82	81	81	7
SOMERVILLE	165	161	158	155	152	151	151	10
SOUTHWEST MILAM WSC	150	146	143	140	139	138	138	8
STAMFORD	159	155	152	149	146	145	145	10
STEAMBOAT MOUNTAIN WSC	70	67	64	62	60	59	59	8
STEPHENS COUNTY RURAL WSC	88	113	109	107	102	100	101	12
STEPHENS COUNTY-OTHER	167	164	161	158	155	153	153	11
STEPHENVILLE	157	152	149	146	143	142	142	10
STONEWALL COUNTY-OTHER	124	120	117	114	111	109	109	11
STRAWN	188	186	183	180	177	176	176	10
SWEETWATER	228	225	221	218	215	214	214	11
TAYLOR	150	145	142	139	137	136	136	9
TAYLOR COUNTY-OTHER	86	82	79	76	73	72	72	10
TEMPLE	317	301	288	278	269	263	259	42
THORNDALE	126	121	118	115	112	111	111	10
THORNTON	95	92	89	85	83	82	82	10
THRALL	133	128	125	124	122	120	120	8
THROCKMORTON	233	229	226	223	220	218	218	11
THROCKMORTON COUNTY-OTHER	116	112	110	106	104	102	102	10
TOLAR	174	170	167	165	162	160	160	10
TRI-COUNTY SUD	80	76	73	70	68	67	67	9
TROY	124	120	117	114	111	109	109	11
TUSCOLA	90	86	82	80	79	77	77	9
TYE	132	127	124	121	118	117	117	10
VALLEY MILLS	188	185	182	178	175	175	175	10
VENUS	135	133	131	128	126	125	125	8
WACO	183	183	183	183	183	183	183	0
WALNUT SPRINGS	111	108	104	101	98	97	97	11
WASHINGTON COUNTY-OTHER	111	107	104	101	99	98	98	9
WEIR	153	149	148	147	146	146	146	3
WELLBORN SUD	117	113	110	108	107	106	106	7
WELLS BRANCH MUD	165	165	159	159	159	154	154	11
WEST	148	145	141	138	135	134	134	11
WEST BELL COUNTY WSC	111	108	105	102	99	98	98	10
WEST BRAZOS WSC	78	74	71	68	67	66	66	8
WESTERN HILLS WS	100	96	93	91	90	89	89	7
WHITE BLUFF COMMUNITY WS	274	272	270	268	267	267	267	5
WHITNEY	154	151	148	145	142	141	141	10

Table 2-4 (Concluded)

Water User Group	Per Capita Use Rates ^{1,4}							Reduction due to Plumbing Fixtures Act (2010 to 2060)
	Base (2000)	2010	2020	2030	2040	2050	2060	
WICKSON CREEK SUD	97	121	118	113	112	112	112	9
WILLIAMSON COUNTY-OTHER	141	139	136	132	129	127	127	12
WILLIAMSON-TRAVIS COUNTY MUD #1	109	104	102	101	100	100	100	4
WOODROW-OSCEOLA WSC	49	45	42	39	37	36	36	9
WOODWAY	304	300	297	294	291	289	289	11
YOUNG COUNTY-OTHER	203	199	196	193	190	188	188	11
Min.	49	45	42	39	37	36	36	
Max.	413	409	406	404	402	401	401	
Mean	149	147	144	142	140	138	138	

¹Per capita use rates for years 2010 to 2060 reflect revisions requested by entities and accepted by the TWDB. Base (year 2000) rates were not revised by the TWDB and reflect the original water use rates prior to requested revisions. In some cases, the year 2000 rate is inconsistent with ensuing decades.

²For Fort Hood in year 2000, the 197 gpcd rate was divided into an assumed rate of 145 gpcd (Brazos G average) for personnel living on-post, with the remaining 52 gpcd assigned to personnel working on the post but living off-post. The total per capita water use rate is necessarily applied to only that population living on-post. Future increases in per capita water use reflect increased demands from Fort Hood-supplied population projections applied against the lower TWDB population projections.

³Cresson, Decordova, Jarrell, Kosse, Lipan and Morgan are new WUGs for the 2011 RWP. Per capita rates were not developed prior to 2010.

⁴Water User Groups represented in multiple counties may have unique water use rates in each county; however, rates shown in this table represent the total average rate calculated from each county.

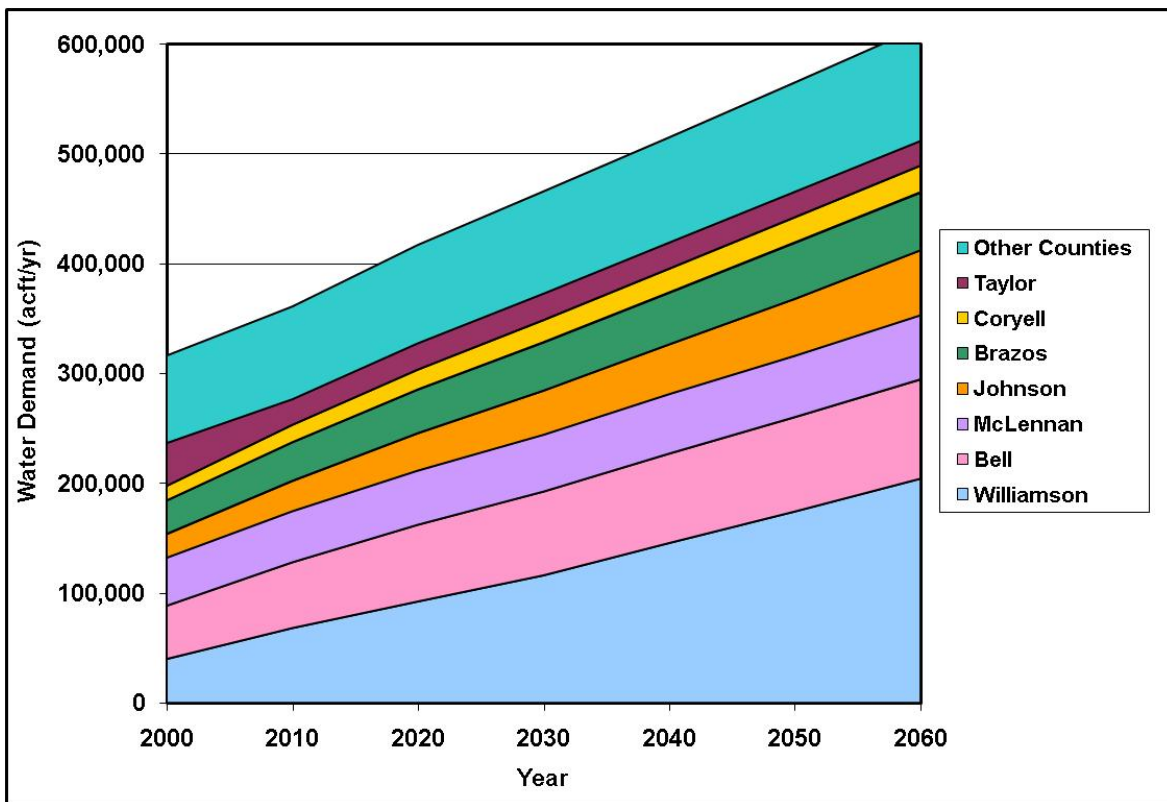


Figure 2-5. Municipal Water Demand Projections

Table 2-5.
Historical and Projected Municipal Water Demand by WUG/County
in the Brazos G Area
(acft/yr)

City/County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
<i>Bell County</i>								
439 WSC		649	803	909	999	1,057	1,090	1,122
Bartlett (P)	128	165	184	196	206	211	216	220
Bell-Milam Falls WSC (P)		299	342	371	398	415	425	435
Belton	2,194	2,412	2,824	3,199	3,542	3,723	3,875	3,920
Chisholm Trail SUD (P)		56	103	127	149	166	176	183
Dog Ridge WSC		586	715	799	876	926	955	982
East Bell County WSC (P)		250	263	271	276	279	282	286
Elm Creek WSC (P)		154	184	206	224	236	243	249
Fort Hood CDP (P)	3,227	3,822	4,395	4,337	4,279	4,221	4,182	4,182
Harker Heights	1,985	2,908	3,904	4,959	5,800	6,507	6,698	6,815
Holland	115	130	125	121	117	114	111	111
Jarrell-Schwertner WSC (P)		256	308	344	376	395	409	420
Kempner WSC (P)		913	1,142	1,297	1,443	1,535	1,591	1,636
Killeen	7,953	12,882	19,530	25,462	27,985	30,141	32,207	34,432
Little River-Academy	222	260	275	285	292	294	297	301
Moffat WSC		351	402	430	457	468	477	488
Morgans Point Resort	264	348	473	520	563	591	607	623
Nolanville	233	299	349	359	365	365	369	374
Pendleton WSC		231	250	265	273	278	282	287
Rogers	203	199	195	191	188	184	181	181
Salado WSC		987	1,195	1,334	1,461	1,544	1,594	1,636
Temple	10,492	19,357	21,033	23,018	25,170	26,892	28,804	30,613
Troy	167	191	185	181	176	171	168	168
West Bell County WSC		678	660	642	623	605	599	599
County-Other	5,980	282	200	187	174	167	161	159
<i>Bell County Total</i>	<i>33,163</i>	<i>48,665</i>	<i>60,039</i>	<i>70,010</i>	<i>76,412</i>	<i>81,485</i>	<i>85,999</i>	<i>90,422</i>
<i>Bosque County</i>								
Childress Creek WSC		283	322	361	389	395	396	402
Clifton	495	647	709	773	819	824	827	837
Cross Country WSC (P)		30	36	44	49	50	51	52
Lake Whitney Water Company (P)		391	389	387	382	373	366	367
Meridian	233	217	229	242	249	247	247	250
Morgan			74	86	99	115	133	156
Valley Mills (P)	162	236	265	295	313	316	319	323
Walnut Springs		94	97	100	101	100	99	100
County-Other	1,324	641	718	871	968	990	980	981
<i>Bosque County Total</i>	<i>2,214</i>	<i>2,539</i>	<i>2,839</i>	<i>3,159</i>	<i>3,369</i>	<i>3,410</i>	<i>3,418</i>	<i>3,468</i>

Table 2-5 (Continued)

City/County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
<i>Brazos County</i>								
Bryan	9,440	10,812	11,957	13,179	14,221	15,022	16,096	16,493
College Station	14,351	17,110	20,032	22,977	25,779	27,844	30,432	31,342
Wellborn SUD		858	1,069	1,285	1,482	1,637	1,820	1,886
Wickson Creek SUD (P)		624	1,126	1,451	1,701	1,924	2,206	2,301
County-Other	1,853	913	808	695	593	510	422	395
<i>Brazos County Total</i>	<i>25,644</i>	<i>30,317</i>	<i>34,992</i>	<i>39,587</i>	<i>43,776</i>	<i>46,937</i>	<i>50,976</i>	<i>52,417</i>
<i>Burleson County</i>								
Caldwell	627	630	807	835	854	865	878	894
Milano WSC (P)		160	177	194	207	216	223	231
Snook		137	147	160	167	173	178	183
Somerville	248	315	328	344	353	358	364	372
Southwest Milam WSC (P)		49	58	67	73	79	82	86
County-Other	993	1,029	1,139	1,263	1,349	1,404	1,450	1,504
<i>Burleson County Total</i>	<i>1,868</i>	<i>2,320</i>	<i>2,656</i>	<i>2,863</i>	<i>3,003</i>	<i>3,095</i>	<i>3,175</i>	<i>3,270</i>
<i>Callahan County</i>								
Baird	270	396	389	384	378	373	369	369
Clyde	439	285	305	297	278	259	245	238
Coleman County WSC (P)		51	49	51	44	38	31	26
Cross Plains	176	171	167	164	160	157	154	154
Potosi WSC (P)		8	8	8	7	6	6	6
County-Other	694	589	527	513	484	463	440	431
<i>Callahan County Total</i>	<i>1,579</i>	<i>1,500</i>	<i>1,445</i>	<i>1,417</i>	<i>1,351</i>	<i>1,296</i>	<i>1,245</i>	<i>1,224</i>
<i>Comanche County</i>								
Comanche	575	552	634	632	622	605	587	568
De Leon	299	286	280	280	274	265	256	248
County-Other	899	932	916	920	902	875	840	814
<i>Comanche County Total</i>	<i>1,773</i>	<i>1,770</i>	<i>1,830</i>	<i>1,832</i>	<i>1,798</i>	<i>1,745</i>	<i>1,683</i>	<i>1,630</i>
<i>Coryell County</i>								
Copperas Cove (P)	2,881	3,224	3,621	4,122	4,567	4,864	5,155	5,436
Elm Creek WSC (P)		34	47	63	78	89	97	105
Fort Gates WSC		291	322	358	392	415	437	457
Fort Hood CDP (P)	3,519	3,633	4,178	4,123	4,068	4,013	3,976	3,976
Gatesville	1,715	2,777	3,409	4,139	4,850	5,356	5,787	6,163
Kempner WSC		1,165	1,699	2,311	2,913	3,334	3,698	4,000
County-Other	1,487	2,160	2,485	2,853	3,211	3,460	3,686	3,880
<i>Coryell County Total</i>	<i>9,602</i>	<i>13,284</i>	<i>15,761</i>	<i>17,969</i>	<i>20,079</i>	<i>21,531</i>	<i>22,836</i>	<i>24,017</i>
<i>Eastland County</i>								
Cisco	498	742	731	719	694	663	633	604
Eastland	845	878	918	908	878	841	806	769
Gorman	158	143	137	134	127	120	113	108
Ranger	359	327	316	308	294	278	263	252
Rising Star	78	77	74	71	67	63	59	56

Table 2-5 (Continued)

City/County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
Stephens County Rural WSC (P)		1	2	2	2	1	1	1
County-Other	1,128	835	784	767	734	696	660	631
<i>Eastland County Total</i>	<i>3,066</i>	<i>3,003</i>	<i>2,962</i>	<i>2,909</i>	<i>2,796</i>	<i>2,662</i>	<i>2,535</i>	<i>2,421</i>
<i>Erath County</i>								
Dublin	428	454	485	516	544	576	682	753
Stephenville	2,397	2,624	2,717	2,850	2,957	3,058	3,464	3,732
County-Other	1,388	1,541	1,705	1,886	2,053	2,211	2,724	3,062
<i>Erath County Total</i>	<i>4,213</i>	<i>4,619</i>	<i>4,907</i>	<i>5,252</i>	<i>5,554</i>	<i>5,845</i>	<i>6,870</i>	<i>7,547</i>
<i>Falls County</i>								
Bell-Milam Falls WSC (P)		138	178	229	281	327	362	407
Bruceville-Eddy (P)		1	2	3	4	5	5	6
East Bell County WSC (P)		67	77	89	101	112	120	132
Elm Creek WSC (P)		3	5	6	8	9	11	12
Lott		99	97	94	92	89	88	88
Marlin	1,281	2,599	2,660	2,749	2,839	2,913	2,983	3,076
Rosebud	182	177	171	166	161	156	152	152
Tri-County SUD (P)		234	253	280	305	327	347	375
West Brazos WSC (P)		159	190	230	267	304	331	368
County-Other	1,250	418	360	286	213	146	97	47
<i>Falls County Total</i>	<i>2,713</i>	<i>3,895</i>	<i>3,993</i>	<i>4,132</i>	<i>4,271</i>	<i>4,388</i>	<i>4,496</i>	<i>4,663</i>
<i>Fisher County</i>								
Bitter Creek WSC (P)		121	117	114	113	111	110	113
Roby	54	78	76	75	75	74	74	76
Rotan	214	291	278	271	249	231	222	203
County-Other	457	199	185	181	155	134	124	97
<i>Fisher County Total</i>	<i>725</i>	<i>689</i>	<i>656</i>	<i>641</i>	<i>592</i>	<i>550</i>	<i>530</i>	<i>489</i>
<i>Grimes County</i>								
Navasota	1,210	1,384	1,426	1,464	1,494	1,505	1,526	1,555
Wickson Creek SUD (P)		303	625	878	1,044	1,175	1,286	1,396
County-Other	1,564	1,236	1,269	1,287	1,317	1,303	1,317	1,351
<i>Grimes County Total</i>	<i>2,774</i>	<i>2,923</i>	<i>3,320</i>	<i>3,629</i>	<i>3,855</i>	<i>3,983</i>	<i>4,129</i>	<i>4,302</i>
<i>Hamilton County</i>								
Hamilton	637	570	554	542	531	521	513	513
Hico	241	291	302	297	292	288	285	285
County-Other	471	499	431	407	384	375	356	355
<i>Hamilton County Total</i>	<i>1,349</i>	<i>1,360</i>	<i>1,287</i>	<i>1,246</i>	<i>1,207</i>	<i>1,184</i>	<i>1,154</i>	<i>1,153</i>
<i>Haskell County</i>								
Haskell	450	585	559	538	518	503	487	472
Rule	127	86	81	77	72	69	66	62
Stamford (P)	8	8	8	8	8	8	8	8
County-Other	240	257	235	221	203	192	180	166
<i>Haskell County Total</i>	<i>825</i>	<i>936</i>	<i>883</i>	<i>844</i>	<i>801</i>	<i>772</i>	<i>741</i>	<i>708</i>

Table 2-5 (Continued)

City/County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
<i>Hill County</i>								
Brandon-Irene WSC (P)		254	251	253	255	256	263	273
Fills Valley WSC (P)		413	413	417	421	424	433	447
Hillsboro	1,095	1,706	1,819	1,862	1,911	1,957	2,030	2,123
Hubbard	183	185	194	188	183	177	173	173
Itasca	165	214	225	219	212	206	202	201
Johnson County SUD (P)		34	37	41	46	53	59	65
Lake Whitney Water Company (P)		638	623	608	593	578	570	574
Parker WSC (P)		50	51	53	56	59	64	68
White Bluff Community WS		307	369	456	553	650	757	875
Whitney	196	316	365	370	375	380	391	405
Woodrow-Osceola WSC		296	286	285	284	287	298	319
County-Other	2,014	377	268	289	317	345	376	413
<i>Hill County Total</i>	<i>3,653</i>	<i>4,790</i>	<i>4,901</i>	<i>5,041</i>	<i>5,206</i>	<i>5,372</i>	<i>5,616</i>	<i>5,936</i>
<i>Hood County</i>								
Acton MUD (P)		2,026	2,425	2,912	3,363	3,851	4,464	5,204
Cresson (P)			43	52	62	74	90	110
DeCordova			594	593	592	593	598	610
Granbury	851	2,005	2,795	3,456	4,058	4,708	5,524	6,485
Lipan			171	239	333	466	655	922
Oak Trail Shores Subdivision		448	511	504	492	484	480	480
Tolar		98	143	179	213	246	289	342
County-Other	2,974	3,217	2,863	3,301	3,689	4,094	4,597	5,184
<i>Hood County Total</i>	<i>3,825</i>	<i>7,794</i>	<i>9,545</i>	<i>11,236</i>	<i>12,802</i>	<i>14,516</i>	<i>16,697</i>	<i>19,337</i>
<i>Johnson County</i>								
Acton MUD (P)		17	21	27	33	39	47	58
Alvarado	310	460	570	607	654	697	766	858
Bethany WSC		336	363	397	431	471	527	602
Bethesda WSC (P)		2,199	2,751	3,415	4,115	4,898	5,863	7,096
Burleson (P)	1,760	2,943	4,449	6,687	8,272	8,153	8,096	8,095
Cleburne	3,421	4,165	6,027	6,680	7,343	8,097	9,046	9,879
Cresson (P)			12	14	17	20	24	29
Godley		133	167	206	250	295	355	429
Grandview	176	201	230	281	342	334	331	331
Johnson County SUD (P)		6,154	8,036	10,423	13,058	16,201	20,192	24,506
Joshua	347	680	801	882	968	1,068	1,202	1,377
Keene	457	549	620	705	798	896	1,028	1,202
Mansfield (P)	82	148	165	172	172	173	175	178
Mountain Peak WSC (P)		223	313	420	534	653	809	1,001
Parker WSC (P)		238	287	344	402	470	555	664
Rio Vista		65	71	77	85	93	105	122
Venus (P)	123	286	363	358	349	344	342	342
County-Other	5,595	2,710	2,252	2,287	2,323	2,363	2,427	2,517
<i>Johnson County Total</i>	<i>12,271</i>	<i>21,507</i>	<i>27,498</i>	<i>33,982</i>	<i>40,146</i>	<i>45,265</i>	<i>51,890</i>	<i>59,286</i>

Table 2-5 (Continued)

City/County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
Jones County								
Abilene (P)	193	1,869	1,029	1,035	1,014	979	945	908
Anson	424	418	415	416	406	391	374	360
Hamlin	640	365	362	363	355	342	327	314
Hawley		168	169	170	168	164	158	151
Hawley WSC (P)		404	401	393	380	363	347	333
Stamford (P)	783	640	637	640	626	604	582	560
County-Other	686	124	123	121	117	111	105	100
Jones County Total	2,726	3,988	3,136	3,138	3,066	2,954	2,838	2,726
Kent County								
Jayton	139	117	112	108	95	75	66	57
County-Other	49	44	42	40	36	29	25	23
Kent County Total	188	161	154	148	131	104	91	80
Knox County								
Knox City	235	233	225	229	225	222	219	216
Munday	267	275	267	265	260	255	251	250
County-Other	311	226	217	219	215	210	207	203
Knox County Total	813	734	709	713	700	687	677	669
Lampasas County								
Copperas Cove (P)		15	22	30	34	38	40	41
Kempner		238	300	366	411	446	467	482
Kempner WSC (P)		1,053	1,293	1,547	1,734	1,870	1,956	2,015
Lampasas	1,280	1,224	1,842	2,016	2,119	2,174	2,223	2,082
Lometa		121	130	141	147	152	155	159
County-Other	1,037	1,016	950	966	977	982	986	1,112
Lampasas County Total	2,317	3,667	4,537	5,066	5,422	5,662	5,827	5,891
Lee County								
Aqua WSC (P)		405	443	494	532	567	596	625
Giddings	1,299	984	1,106	1,258	1,382	1,476	1,564	1,645
Lee County WSC (P)		628	721	834	931	1,011	1,079	1,143
Lexington	226	241	270	305	334	357	378	397
Manville WSC (P)		14	19	25	30	34	38	41
Southwest Milam WSC (P)		38	44	52	58	63	67	71
County-Other	1,466	340	329	316	305	294	287	285
Lee County Total	2,991	2,650	2,932	3,284	3,572	3,802	4,009	4,207
Limestone County								
Biston MWSD		150	148	146	144	142	141	141
Coolidge		88	95	103	108	110	114	120
Groesbeck	612	634	760	923	1,006	1,071	1,135	1,229
Kosse			75	75	74	73	73	74
Mexia	989	1,213	1,250	1,289	1,328	1,358	1,408	1,479
Thornton		56	54	52	50	49	48	48
Tri-County SUD (P)		95	103	115	118	121	125	133

Table 2-5 (Continued)

City/County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
County-Other	1,372	957	828	765	703	642	594	551
<i>Limestone County Total</i>	<i>2,973</i>	<i>3,193</i>	<i>3,313</i>	<i>3,468</i>	<i>3,531</i>	<i>3,566</i>	<i>3,638</i>	<i>3,775</i>
<i>McLennan County</i>								
Bellmead	1,170	2,477	2,622	2,751	2,873	2,984	3,065	3,202
Beverly Hills	453	412	414	416	416	414	416	424
Bruceville-Eddy (P)	516	688	825	961	1,077	1,195	1,270	1,383
Chalk Bluff WSC		354	441	527	599	676	722	798
Crawford		63	65	67	68	69	70	73
Cross Country WSC (P)		396	445	497	541	585	614	661
Elm Creek WSC (P)		143	184	227	261	298	320	357
Gholson		130	150	169	184	202	213	231
Hallsburg		129	139	150	158	166	172	182
Hewitt	1,154	1,838	2,029	2,237	2,395	2,571	2,684	2,877
Lacy-Lakeview	334	678	835	989	1,116	1,256	1,338	1,477
Lorena	180	331	369	408	440	475	497	533
Mart	338	318	335	354	367	383	394	415
McGregor	904	948	933	923	913	902	894	899
Moody	181	199	202	203	203	204	206	212
North Bosque WSC		280	367	454	530	608	655	730
Riesel		104	109	116	120	126	129	137
Robinson	919	1,072	1,268	1,462	1,611	1,756	1,857	2,030
Tri-County SUD (P)		10	12	13	14	15	16	18
Valley Mills (P)	2	1	1	1	1	1	1	1
Waco	22,931	23,312	24,876	26,453	27,781	29,159	30,033	31,304
West	526	446	459	467	475	482	490	506
West Brazos WSC (P)		141	161	181	195	214	224	244
Western Hills WS		307	384	458	520	588	627	694
Woodway	2,175	2,974	2,944	2,925	2,903	2,882	2,867	2,874
County-Other	5,429	6,354	6,345	6,332	6,361	6,359	6,384	6,466
<i>McLennan County Total</i>	<i>37,212</i>	<i>44,105</i>	<i>46,914</i>	<i>49,741</i>	<i>52,122</i>	<i>54,570</i>	<i>56,158</i>	<i>58,728</i>
<i>Milam County</i>								
Bell-Milam Falls WSC (P)		201	245	288	316	334	341	347
Cameron	1,064	1,470	1,606	1,756	1,840	1,881	1,880	1,888
Milano WSC (P)		174	195	212	224	230	232	235
Rockdale	1,491	1,145	1,254	1,287	1,310	1,325	1,332	1,337
Southwest Milam WSC (P)		911	1,086	1,251	1,350	1,422	1,448	1,472
Thorndale	121	180	193	206	213	215	216	219
County-Other	1,375	552	401	291	211	152	111	82
<i>Milam County Total</i>	<i>4,051</i>	<i>4,633</i>	<i>4,980</i>	<i>5,291</i>	<i>5,464</i>	<i>5,559</i>	<i>5,560</i>	<i>5,580</i>
<i>Nolan County</i>								
Bitter Creek WSC (P)		122	122	122	120	115	109	104
Roscoe	236	187	189	190	188	182	173	165
Sweetwater	3,164	2,915	3,013	3,072	3,081	3,029	2,900	2,763

Table 2-5 (Continued)

City/County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
County-Other	602	195	199	197	193	186	177	168
<i>Nolan County Total</i>	<i>4,002</i>	<i>3,419</i>	<i>3,523</i>	<i>3,581</i>	<i>3,582</i>	<i>3,512</i>	<i>3,359</i>	<i>3,200</i>
<i>Palo Pinto County</i>								
Fort Belknap WSC (P)		1	2	2	3	3	4	5
Graford		65	65	65	64	64	65	67
Mineral Wells (P)	2,823	2,895	2,887	3,049	3,184	3,278	3,425	3,611
Stephens County Rural WSC (P)		1	2	2	2	1	1	1
Strawn		156	160	164	167	170	176	183
County-Other	1,342	1,638	1,810	1,905	1,987	2,086	2,230	2,421
<i>Palo Pinto County Total</i>	<i>4,165</i>	<i>4,756</i>	<i>4,926</i>	<i>5,187</i>	<i>5,407</i>	<i>5,602</i>	<i>5,901</i>	<i>6,288</i>
<i>Robertson County</i>								
Bremond	133	160	157	154	151	148	146	146
Calvert	426	332	327	323	318	313	310	310
Franklin	173	324	344	373	389	397	396	395
Hearne	1,106	1,145	1,124	1,108	1,093	1,077	1,066	1,066
Robertson County WSC		218	258	315	348	370	368	365
Tri-County SUD (P)		75	77	82	83	84	83	83
Wickson Creek SUD (P)		10	20	30	35	39	39	39
County-Other	772	548	567	594	609	616	613	611
<i>Robertson County Total</i>	<i>2,610</i>	<i>2,812</i>	<i>2,874</i>	<i>2,979</i>	<i>3,026</i>	<i>3,044</i>	<i>3,021</i>	<i>3,015</i>
<i>Shackelford County</i>								
Albany	582	641	665	690	676	635	555	466
Hawley WSC (P)		5	5	5	5	4	4	3
Stephens County Rural WSC (P)		1	2	2	2	1	1	1
County-Other	206	284	291	300	292	273	238	200
<i>Shackelford County Total</i>	<i>788</i>	<i>931</i>	<i>963</i>	<i>997</i>	<i>975</i>	<i>913</i>	<i>798</i>	<i>670</i>
<i>Somervell County</i>								
Glen Rose	358	530	659	728	785	817	830	836
County-Other	413	483	481	519	547	559	562	566
<i>Somervell County Total</i>	<i>771</i>	<i>1,013</i>	<i>1,140</i>	<i>1,247</i>	<i>1,332</i>	<i>1,376</i>	<i>1,392</i>	<i>1,402</i>
<i>Stephens County</i>								
Breckenridge	1,352	979	1,214	1,220	1,215	1,190	1,138	1,102
Fort Belknap WSC (P)		4	4	3	3	3	3	3
Stephens County Rural WSC (P)		245	318	314	308	296	279	271
County-Other	470	241	242	241	238	231	220	213
<i>Stephens County Total</i>	<i>1,822</i>	<i>1,469</i>	<i>1,778</i>	<i>1,778</i>	<i>1,764</i>	<i>1,720</i>	<i>1,640</i>	<i>1,589</i>
<i>Stonewall County</i>								
Aspermont	260	206	202	192	179	165	153	143
County-Other	96	93	90	85	79	72	66	62
<i>Stonewall County Total</i>	<i>356</i>	<i>299</i>	<i>292</i>	<i>277</i>	<i>258</i>	<i>237</i>	<i>219</i>	<i>205</i>
<i>Taylor County</i>								
Abilene (P)	25,608	37,607	21,862	22,450	22,493	22,202	21,643	20,971
Coleman County WSC (P)		18	19	20	20	19	19	18
Hawley WSC (P)		55	57	57	57	55	53	52

Table 2-5 (Continued)

City/County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
Merkel	309	437	458	469	469	462	450	436
Potosi WSC (P)		396	414	420	420	409	397	385
Steamboat Mountain WSC		262	271	270	267	260	251	243
Tuscola		72	74	74	74	73	70	68
Tye	144	171	178	181	181	177	172	167
County-Other	1,312	386	398	400	393	380	368	356
<i>Taylor County Total</i>	<i>27,373</i>	<i>39,404</i>	<i>23,731</i>	<i>24,341</i>	<i>24,374</i>	<i>24,037</i>	<i>23,423</i>	<i>22,696</i>
<i>Throckmorton County</i>								
Fort Belknap WSC (P)		11	10	10	9	8	8	7
Stephens County Rural WSC (P)		8	10	9	9	8	7	7
Throckmorton	198	236	232	222	209	191	177	168
County-Other	91	99	96	91	84	76	70	66
<i>Throckmorton County Total</i>	<i>289</i>	<i>354</i>	<i>348</i>	<i>332</i>	<i>311</i>	<i>283</i>	<i>262</i>	<i>248</i>
<i>Washington County</i>								
Brenham	2,243	2,950	3,078	3,223	3,303	3,320	3,364	3,415
County-Other	1,781	2,097	2,187	2,323	2,379	2,397	2,431	2,478
<i>Washington County Total</i>	<i>4,024</i>	<i>5,047</i>	<i>5,265</i>	<i>5,546</i>	<i>5,682</i>	<i>5,717</i>	<i>5,795</i>	<i>5,893</i>
<i>Williamson County</i>								
Aqua WSC (P)		65	76	88	103	121	140	161
Bartlett (P)	169	173	176	181	188	195	205	217
Bell-Milam Falls WSC (P)		41	53	66	83	101	120	142
Blockhouse MUD		578	903	1,288	1,749	2,242	2,796	3,389
Brushy Creek MUD		1,902	2,643	3,596	3,869	3,869	3,869	3,869
Cedar Park (P)	566	5,286	11,961	16,571	17,910	21,779	21,779	21,780
Chisholm Trail SUD (P)		1,380	3,025	4,595	6,473	8,619	10,954	13,335
Fern Bluff MUD		745	1,339	2,049	2,882	3,805	4,810	5,888
Florence		192	242	283	332	386	447	515
Georgetown	3,369	6,127	10,342	13,956	18,187	22,826	27,979	33,506
Granger	168	178	207	219	234	248	268	293
Hutto		176	1,689	2,290	3,001	3,766	4,627	5,550
Jarrell			208	210	212	216	219	207
Jarrell-Schwertner WSC (P)		567	479	722	1,006	1,308	1,651	2,019
Jonah Water SUD		1,159	1,676	2,229	2,804	3,415	4,092	4,845
Leander	574	1,344	3,887	5,380	7,119	9,028	11,156	13,439
Liberty Hill		268	454	673	940	1,223	1,537	1,874
Manville WSC (P)		732	1,064	1,466	1,933	2,446	3,022	3,640
Round Rock (P)	6,055	13,522	23,103	31,146	40,704	51,176	62,801	75,268
Southwest Milam WSC (P)		209	259	318	386	465	549	643
Taylor	2,038	2,281	2,913	3,279	3,705	4,183	4,727	5,342
Thrall		106	140	165	196	228	263	304
Weir		101	156	223	301	386	480	581
Wells Branch MUD (P)		31	31	30	30	30	29	29
Williamson-Travis County MUD #1 (P)		510	770	1,085	1,462	1,865	2,320	2,807

Table 2-5 (Concluded)

City/County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
County-Other	10,813	2,320	371	267	378	1,729	3,533	4,651
<i>Williamson County Total</i>	23,752	39,993	68,167	92,375	116,187	145,655	174,373	204,294
<i>Young County</i>								
Fort Belknap WSC (P)		342	334	333	325	314	306	303
Graham	1,666	1,552	1,528	1,531	1,503	1,456	1,415	1,402
Newcastle		60	59	57	55	53	51	51
Stephens County Rural WSC (P)		1	2	2	2	1	1	1
County-Other	809	304	301	302	298	291	283	280
<i>Young County Total</i>	2,475	2,259	2,224	2,225	2,183	2,115	2,056	2,037
Total for Region	236,955	316,798	361,420	417,463	466,107	515,151	565,027	615,483
Notes: ¹ Projections from Texas Water Development Board (P) Partial								

2.3.2 Manufacturing Water Demand

Manufacturing is an integral part of the economy of the Brazos G Area, and water is critical to the manufacturing process for many industries. It can be used in a variety of ways, including as a component of the final product, as a cooling agent during the manufacturing process, or for cleaning/wash-down of parts and/or products. In the Brazos G Area, industries that are major water users include food and kindred products, apparel, fabricated metal, machinery, stone and concrete production, and micro-chip production.

Manufacturing water demand was projected by the TWDB by taking industry-specific water demand coefficients, adjusted for water-use efficiencies (recycling/reuse), and applying them to growth trends for each industry. These growth trends assume expansion of existing capacity and building of new facilities; continuation of historical trends of interaction between oil price changes and industrial activity; and that the makeup of each county’s manufacturing base remains constant throughout the 60-year planning horizon.

Manufacturing use is projected to increase 89 percent, from 16,939 acft in 2000 to 31,942 acft in 2060 (Table 2-6 and Figure 2-6). The trend in manufacturing use by county is shown in Figure 2-6. Bosque, Johnson, McLennan, Milam, and Williamson Counties account for 76 percent of the total use in 2060.

Table 2-6.
Historical and Projected Manufacturing Water Demand
in the Brazos G Area
(acft/yr)

County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
Bell	966	800	980	1,085	1,180	1,273	1,355	1,463
Bosque	766	794	1,005	1,151	1,285	1,417	1,531	1,664
Brazos	168	244	316	365	413	462	506	549
Burleson	117	150	196	233	270	307	340	370
Callahan	0	0	0	0	0	0	0	0
Comanche	23	26	31	34	37	39	41	44
Coryell	8	7	9	10	11	12	13	14
Eastland	15	36	43	47	50	53	55	59
Erath	86	57	73	82	90	98	105	114
Falls	0	2	2	2	2	2	2	2
Fisher	129	158	192	225	255	284	310	336
Grimes	248	197	257	297	336	375	410	445
Hamilton	0	3	4	5	6	7	8	9
Haskell	0	0	0	0	0	0	0	0
Hill	62	67	85	97	108	119	129	140
Hood	9	20	25	28	30	32	34	37
Johnson	948	1,533	2,121	2,517	2,903	3,295	3,646	3,994
Jones	306	0	0	0	0	0	0	0
Kent	0	0	0	0	0	0	0	0
Knox	0	0	0	0	0	0	0	0
Lampasas	106	108	129	142	153	164	174	187
Lee	5	11	13	14	15	16	17	18
Limestone	368	39	48	53	58	63	67	72
McLennan	2,698	2,804	3,526	4,068	4,577	5,096	5,561	6,022
Milam	22,047	6,820	6,820	8,250	8,250	8,250	9,800	9,800
Nolan	499	643	779	915	1,038	1,159	1,266	1,372
Palo Pinto	56	23	29	33	36	39	42	46
Robertson	34	65	85	101	117	134	150	163
Shackelford	0	0	0	0	0	0	0	0
Somervell	0	5	6	7	8	9	10	11
Stephens	7	6	7	8	9	10	11	12
Stonewall	0	0	0	0	0	0	0	0
Taylor	1,638	789	972	1,081	1,177	1,270	1,349	1,462
Throckmorton	0	0	0	0	0	0	0	0
Washington	470	334	414	461	504	547	585	633
Williamson	326	1,171	1,587	1,854	2,120	2,388	2,630	2,856
Young	135	27	33	36	39	42	44	48
Total for Region	32,240	16,939	19,787	23,201	25,077	26,962	30,191	31,942
¹ Projections from Texas Water Development Board								

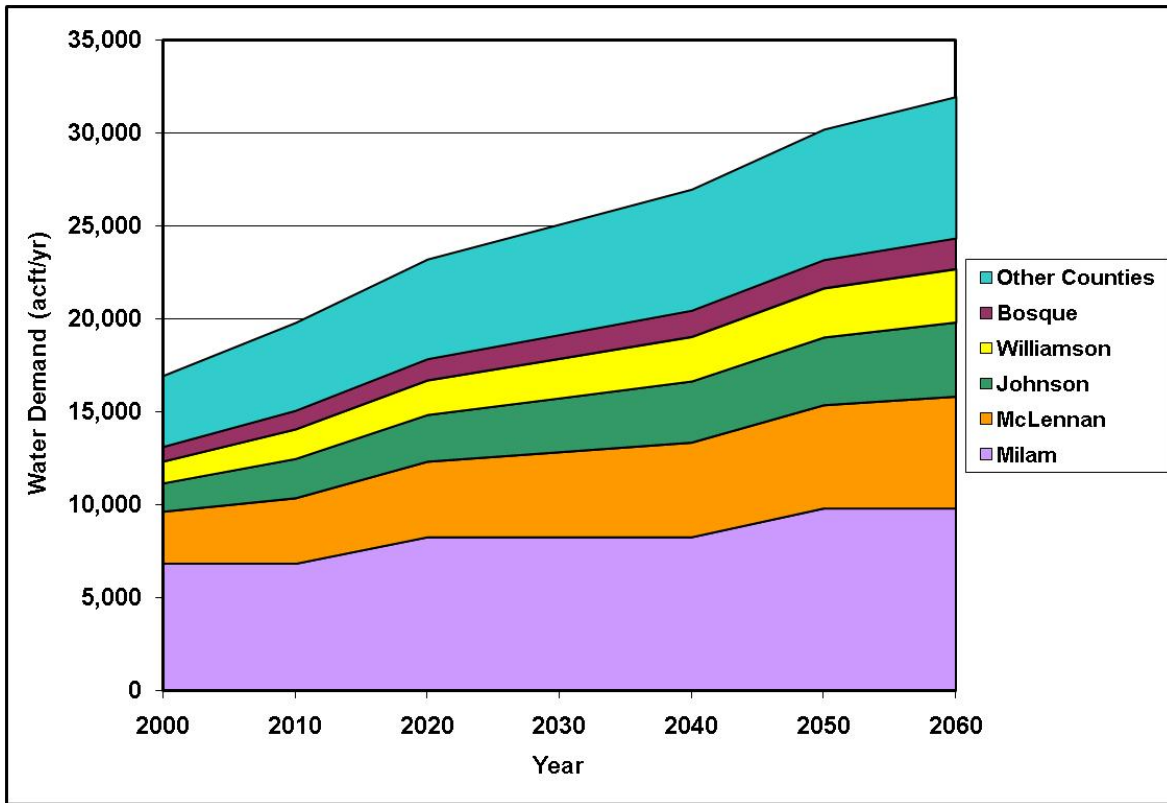


Figure 2-6. Manufacturing Water Demand Projections

2.3.3 Steam-Electric Water Demand

The projections for steam-electric water demand were developed by the TWDB and are based on power generation projections—determined by population and manufacturing growth—and on power generation capacity and fresh water use for that projected capacity. The steam-electric generation process uses water in boilers and for cooling. Grimes, Hood, Limestone, McLennan, Robertson, and Somervell Counties account for 78 percent of total steam-electric water use in 2060. The reported use in the year 2000 was 103,330 acft, and is projected to increase to 319,884 acft by 2060, a 210 percent increase (Table 2-7). This almost threefold increase (Figure 2-7) in water use is attributable to the growing population in the State, and increased energy needs for manufacturing. In addition to expansion of existing plant capacity to meet the increased needs, there are new generating plants slated to open in Bell, Bosque, and McLennan Counties.

Table 2-7.
Historical and Projected Steam-Electric Water Demand
in the Brazos G Area
(acft/yr)

County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
Bell	0	0	0	3,674	4,296	5,053	5,977	7,102
Bosque	0	521	4,323	6,188	7,235	8,510	10,065	11,961
Brazos	3,953	545	526	488	394	446	303	393
Burleson	0	0	0	0	0	0	0	0
Callahan	0	0	0	0	0	0	0	0
Comanche	0	0	0	0	0	0	0	0
Coryell	0	0	0	0	0	0	0	0
Eastland	0	0	0	0	0	0	0	0
Erath	0	0	0	0	0	0	0	0
Falls	0	0	0	0	0	0	0	0
Fisher	0	0	0	0	0	0	0	0
Grimes	11,088	4,405	12,000	31,760	33,160	34,660	36,660	39,660
Hamilton	0	0	0	0	0	0	0	0
Haskell	546	507	422	336	393	462	547	650
Hill	0	0	0	0	0	0	0	0
Hood	4,212	2,573	4,000	5,862	6,853	8,062	9,535	11,331
Johnson	0	0	3,500	7,000	7,000	7,000	7,000	7,000
Jones	2,041	1,510	359	333	294	396	364	484
Kent	0	0	0	0	0	0	0	0
Knox	0	0	0	0	0	0	0	0
Lampasas	0	0	0	0	0	0	0	0
Lee	0	0	0	0	0	0	0	0
Limestone	4,692	22,065	22,332	22,598	26,420	31,079	36,758	43,681
McLennan	14,366	24,412	3,808	11,217	14,305	15,538	17,901	19,142
Milam	2,716	8,680	12,500	12,500	12,500	12,500	16,000	16,000
Nolan	0	1,093	807	11,311	20,000	20,000	20,000	20,000
Palo Pinto	1,898	1,378	840	4,000	4,000	4,000	4,000	4,000
Robertson	0	15,000	15,789	17,882	31,113	36,369	48,118	50,319
Shackelford	0	0	0	0	0	0	0	0
Somervell	9,845	18,000	84,817	84,817	84,817	84,817	84,817	84,817
Stephens	0	0	0	0	0	0	0	0
Stonewall	0	0	0	0	0	0	0	0
Taylor	0	31	0	0	0	0	0	0
Throckmorton	0	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0
Williamson	0	0	0	0	0	0	0	0
Young	2,300	2,610	2,170	1,730	2,023	2,379	2,814	3,344
Total for Region	57,657	103,330	168,193	221,696	254,803	271,271	300,859	319,884

¹ Projections adopted by the Texas Water Development Board, as requested by the BGRWPG (Appendix Q).

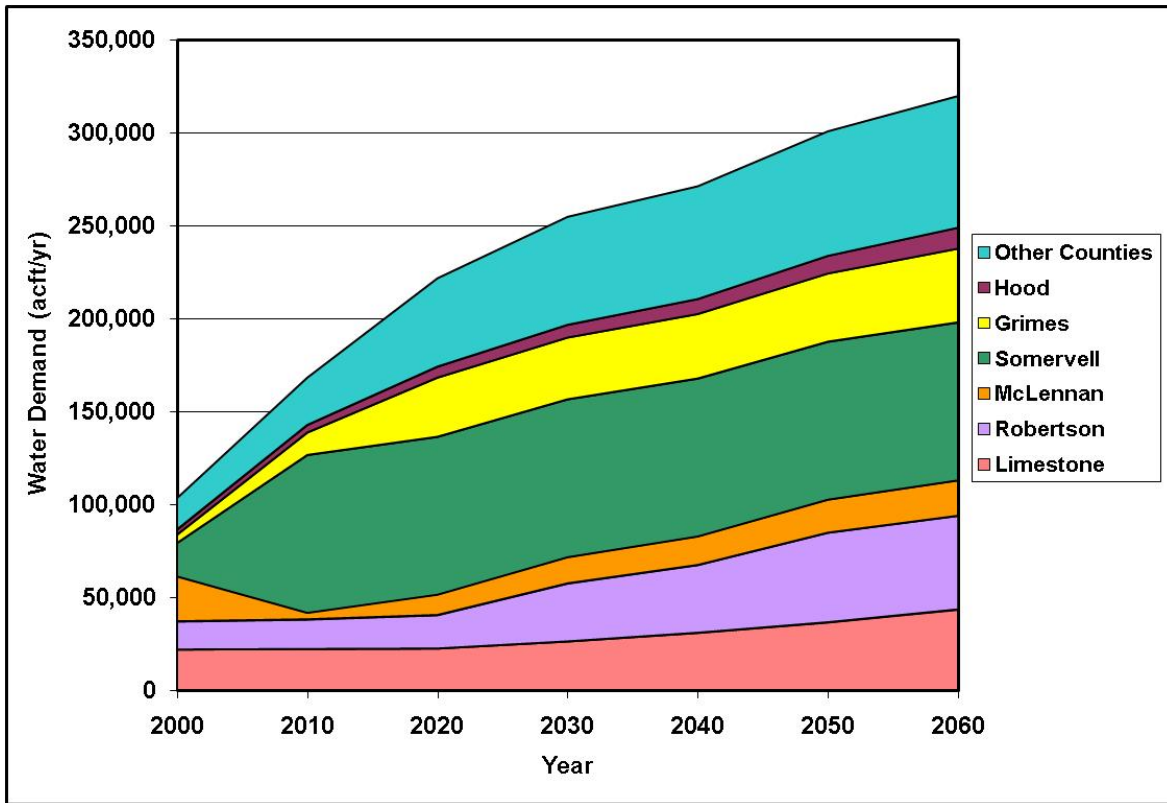


Figure 2-7. Steam-Electric Water Demand Projections

2.3.4 Mining Water Demand

Projections for mining water demand were developed by the TWDB and are based on projected production of mineral commodities, and historic rates of water use, moderated by water requirements of technological processes used in mining.

Mining use in the Brazos G Area is expected to decrease 71 percent between 2000 and 2060, from 72,854 acft to 21,243 acft, largely due to the projected closure of the Sandow Mine in Milam County (Table 2-8). Stephens and Williamson Counties account for 64 percent of total mining water use in 2060 (Figure 2-8).

Table 2-8.
Historical and Projected Mining Water Demand
in the Brazos G Area
(acft/yr)

County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
Bell	0	174	155	150	147	144	141	139
Bosque	61	276	210	197	189	182	176	172
Brazos	21	25	27	28	29	30	31	31
Burleson	11	29	25	24	24	24	24	24
Callahan	137	81	92	96	98	100	101	103
Comanche	74	80	54	51	50	49	48	47
Coryell	86	100	108	111	113	115	117	118
Eastland	295	79	95	102	105	108	111	115
Erath	0	0	0	0	0	0	0	0
Falls	55	133	101	95	91	88	85	83
Fisher	278	468	375	359	354	349	344	337
Grimes	0	158	166	169	171	173	174	175
Hamilton	0	0	0	0	0	0	0	0
Haskell	141	101	93	91	90	89	88	87
Hill	0	118	100	96	94	92	90	89
Hood	73	167	162	161	160	159	158	157
Johnson	27	324	370	390	403	415	427	436
Jones	169	290	300	303	304	305	306	307
Kent	799	686	464	436	427	418	410	399
Knox	11	26	26	26	26	26	26	26
Lampasas	87	193	152	144	139	135	131	128
Lee	0	20,000	5,450	5,450	5,450	5,450	13	13
Limestone	0	360	380	387	392	396	400	403
McLennan	0	481	416	399	389	380	371	366
Milam	7	30,008	4,000	4,000	4,000	3,000	1,500	1,500
Nolan	378	277	278	278	278	278	278	278
Palo Pinto	1	2	2	2	2	2	2	2
Robertson	20	7,500	10,300	10,300	10,300	78	77	76
Shackelford	279	524	656	724	752	779	806	845
Somervell	330	393	304	287	278	270	263	257
Stephens	660	7,315	8,715	9,328	9,567	9,798	10,024	10,347
Stonewall	410	14	15	15	15	15	15	15
Taylor	170	242	285	304	313	322	330	340
Throckmorton	20	40	49	53	55	57	59	61
Washington	93	157	185	198	206	213	220	226
Williamson	1,713	1,874	2,354	2,615	2,795	2,972	3,149	3,280
Young	538	159	200	222	231	240	249	261
Total for Region	6,944	72,854	36,664	37,591	38,037	27,251	20,744	21,243

¹ Projections from Texas Water Development Board

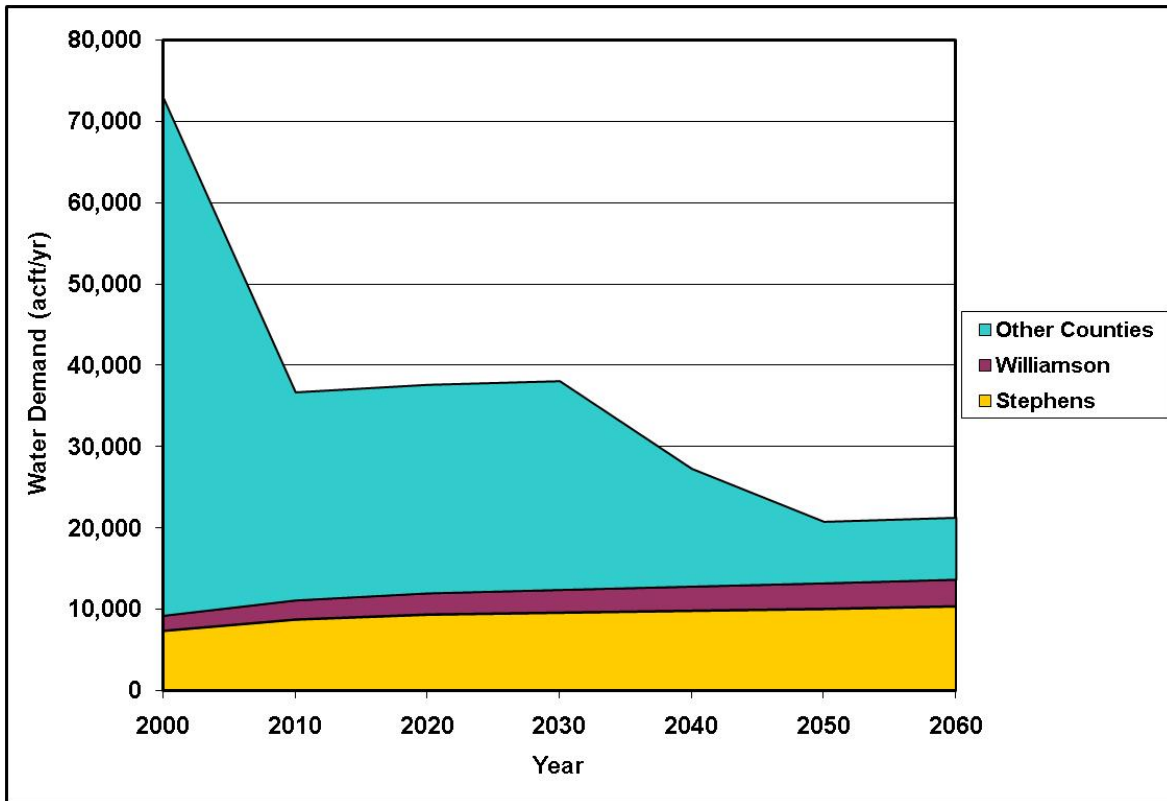


Figure 2-8. Mining Water Demand Projections

2.3.5 Irrigation Water Demand

The irrigation water demand projections were developed by the TWDB and are based on specific assumptions regarding resource constraints, crop prices, crop yields, agricultural policy, and technological advances in irrigation systems.

Major crops grown in the region include feed grains, small grains, cotton, pecans, and peanuts. Table 2-9 shows that irrigation water demand will decline 11 percent from 2000 to 2060. This is attributable to technological advances in irrigation techniques as well as projected reductions in irrigated land. Figure 2-9 shows the trend in irrigation use, with Comanche, Eastland, Haskell, and Knox Counties accounting for 62 percent of total irrigation water use in 2060.

Table 2-9.
Historical and Projected Irrigation Water Demand
in the Brazos G Area
(acft/yr)

County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
Bell	755	1,679	1,656	1,634	1,611	1,591	1,569	1,546
Bosque	1,134	2,543	2,504	2,466	2,427	2,388	2,352	2,316
Brazos	9,875	6,918	6,584	6,267	5,964	5,676	5,403	5,142
Burleson	6,900	18,239	17,480	16,749	16,052	15,431	14,741	14,082
Callahan	662	819	806	793	780	767	755	742
Comanche	50,625	35,969	35,598	35,230	34,867	34,507	34,151	33,798
Coryell	330	0	0	0	0	0	0	0
Eastland	12,200	16,274	16,302	16,327	16,352	16,370	16,377	16,385
Erath	9,705	10,816	10,658	10,502	10,349	10,197	10,048	9,901
Falls	6,425	1,928	1,866	1,806	1,748	1,691	1,637	1,584
Fisher	2,591	2,459	2,386	2,314	2,245	2,178	2,113	2,049
Grimes	125	241	241	241	241	241	241	241
Hamilton	1,659	483	475	467	464	456	434	413
Haskell	22,320	50,820	49,309	47,844	46,422	45,040	43,702	42,405
Hill	283	43	43	42	42	42	42	41
Hood	6,926	3,240	3,179	3,120	3,062	3,005	2,948	2,893
Johnson	0	164	240	240	240	240	240	240
Jones	3,940	4,381	4,250	4,124	4,000	3,881	3,765	3,653
Kent	665	532	517	503	488	475	462	449
Knox	32,323	43,124	42,065	41,033	40,025	39,041	38,082	37,147
Lampasas	180	170	168	166	164	162	160	159
Lee	283	965	940	916	891	867	842	818
Limestone	0	0	0	0	0	0	0	0
McLennan	3,070	2,819	2,816	2,814	2,812	2,809	2,806	2,803
Milam	1,412	2,391	2,372	2,352	2,333	2,312	2,294	2,275
Nolan	1,885	5,276	5,138	5,003	4,871	4,741	4,618	4,497
Palo Pinto	479	947	935	923	911	901	889	877
Robertson	21,253	16,572	16,175	16,019	15,561	15,115	14,682	14,261
Shackelford	237	195	189	183	178	173	168	163
Somervell	350	475	474	471	468	467	464	461
Stephens	500	802	791	781	771	760	750	740
Stonewall	538	347	336	326	317	307	298	290
Taylor	486	174	170	166	162	158	154	150
Throckmorton	0	0	4,000	4,000	4,000	4,000	4,000	4,000
Washington	205	1,724	1,724	1,724	1,724	1,724	1,724	1,724
Williamson	160	80	80	80	80	80	80	80
Young	473	77	74	71	69	66	64	61
Total for Region	200,954	233,686	232,541	227,697	222,691	217,859	213,055	208,386

¹ Projections from Texas Water Development Board

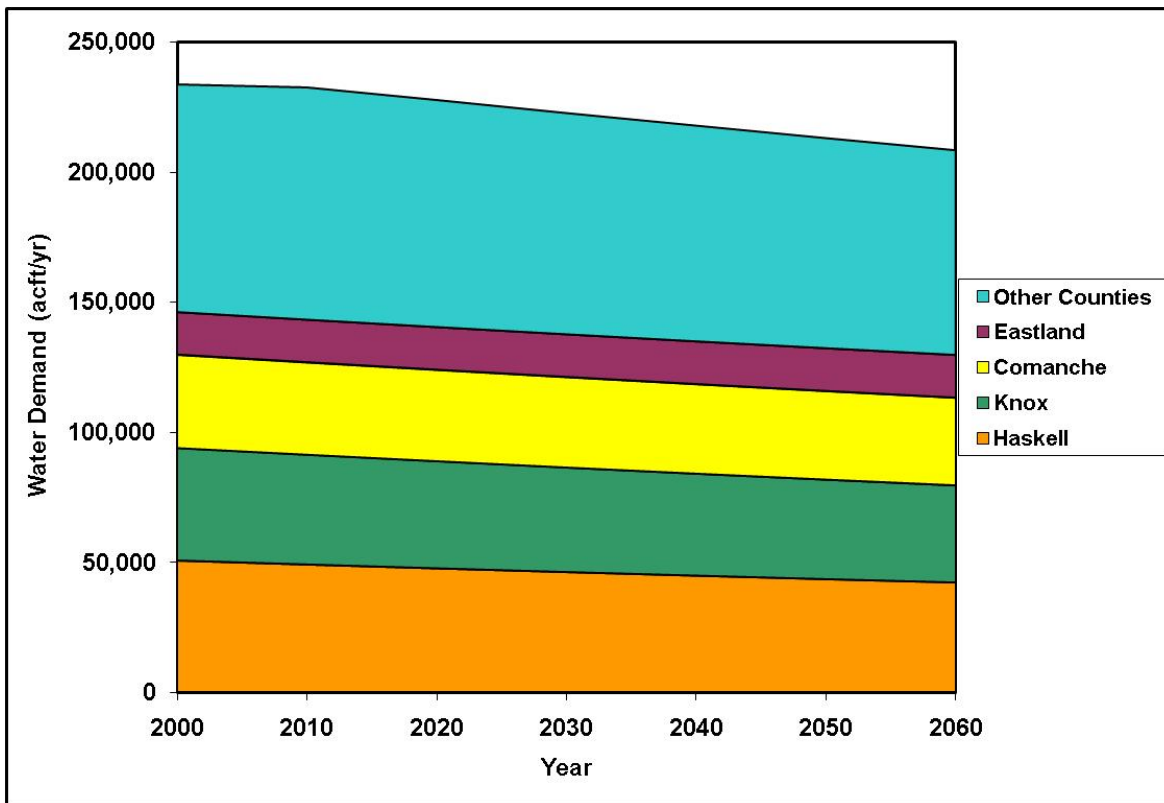


Figure 2-9. Irrigation Water Demand Projections

2.3.6 Livestock Water Demand

In the 37-county Brazos G Area, the principal livestock type is dairy, with some beef cattle.

The Brazos G Area contains widespread cow-calf operators, with concentrated dairy production in Comanche and Erath Counties. The livestock water demand projections developed by the TWDB are based upon estimates of the maximum carrying capacity of the rangeland of the area and the estimated number of gallons of water per head of livestock per day. Additionally, economics of milk production and environmental impacts of the operation are major factors in the projections of the water demands for this category of livestock.

Livestock drinking water is obtained from wells, stock watering ponds, and streams. As can be seen in Table 2-10, it is projected that annual livestock water demand will remain constant at 51,576 acft for the 60-year planning horizon. Figure 2-10 shows the trend in livestock use, with Comanche, Erath, and Johnson Counties accounting for 30.4 percent of total livestock water use in 2060.

Table 2-10.
Historical and Projected Livestock Water Demand
in the Brazos G Area
(acft/yr)

County	Historical		Projections ¹					
	1990	2000	2010	2020	2030	2040	2050	2060
Bell	982	953	953	953	953	953	953	953
Bosque	1,228	1,048	1,048	1,048	1,048	1,048	1,048	1,048
Brazos	1,603	1,032	1,032	1,032	1,032	1,032	1,032	1,032
Burleson	1,060	1,422	1,422	1,422	1,422	1,422	1,422	1,422
Callahan	1,018	976	976	976	976	976	976	976
Comanche	2,355	4,253	4,253	4,253	4,253	4,253	4,253	4,253
Coryell	1,176	1,339	1,339	1,339	1,339	1,339	1,339	1,339
Eastland	915	1,121	1,121	1,121	1,121	1,121	1,121	1,121
Erath	5,898	9,321	9,321	9,321	9,321	9,321	9,321	9,321
Falls	1,773	1,626	1,626	1,626	1,626	1,626	1,626	1,626
Fisher	907	585	585	585	585	585	585	585
Grimes	1,734	1,554	1,554	1,554	1,554	1,554	1,554	1,554
Hamilton	1,468	1,961	1,961	1,961	1,961	1,961	1,961	1,961
Haskell	340	492	492	492	492	492	492	492
Hill	1,288	1,401	1,401	1,401	1,401	1,401	1,401	1,401
Hood	560	623	623	623	623	623	623	623
Johnson	1,936	2,117	2,117	2,117	2,117	2,117	2,117	2,117
Jones	521	786	786	786	786	786	786	786
Kent	264	459	459	459	459	459	459	459
Knox	927	1,040	1,040	1,040	1,040	1,040	1,040	1,040
Lampasas	660	688	688	688	688	688	688	688
Lee	1,398	1,547	1,547	1,547	1,547	1,547	1,547	1,547
Limestone	1,733	1,487	1,487	1,487	1,487	1,487	1,487	1,487
McLennan	1,588	1,151	1,151	1,151	1,151	1,151	1,151	1,151
Milam	1,901	1,779	1,779	1,779	1,779	1,779	1,779	1,779
Nolan	625	464	464	464	464	464	464	464
Palo Pinto	468	909	909	909	909	909	909	909
Robertson	1,587	1,508	1,508	1,508	1,508	1,508	1,508	1,508
Shackelford	768	760	760	760	760	760	760	760
Somervell	128	166	166	166	166	166	166	166
Stephens	608	576	576	576	576	576	576	576
Stonewall	415	469	469	469	469	469	469	469
Taylor	1,906	1,305	1,305	1,305	1,305	1,305	1,305	1,305
Throckmorton	1,166	752	752	752	752	752	752	752
Washington	1,605	1,554	1,554	1,554	1,554	1,554	1,554	1,554
Williamson	1,507	1,344	1,344	1,344	1,344	1,344	1,344	1,344
Young	1,054	1,008	1,008	1,008	1,008	1,008	1,008	1,008
Total for Region	47,070	51,576	51,576	51,576	51,576	51,576	51,576	51,576

¹ Projections from Texas Water Development Board

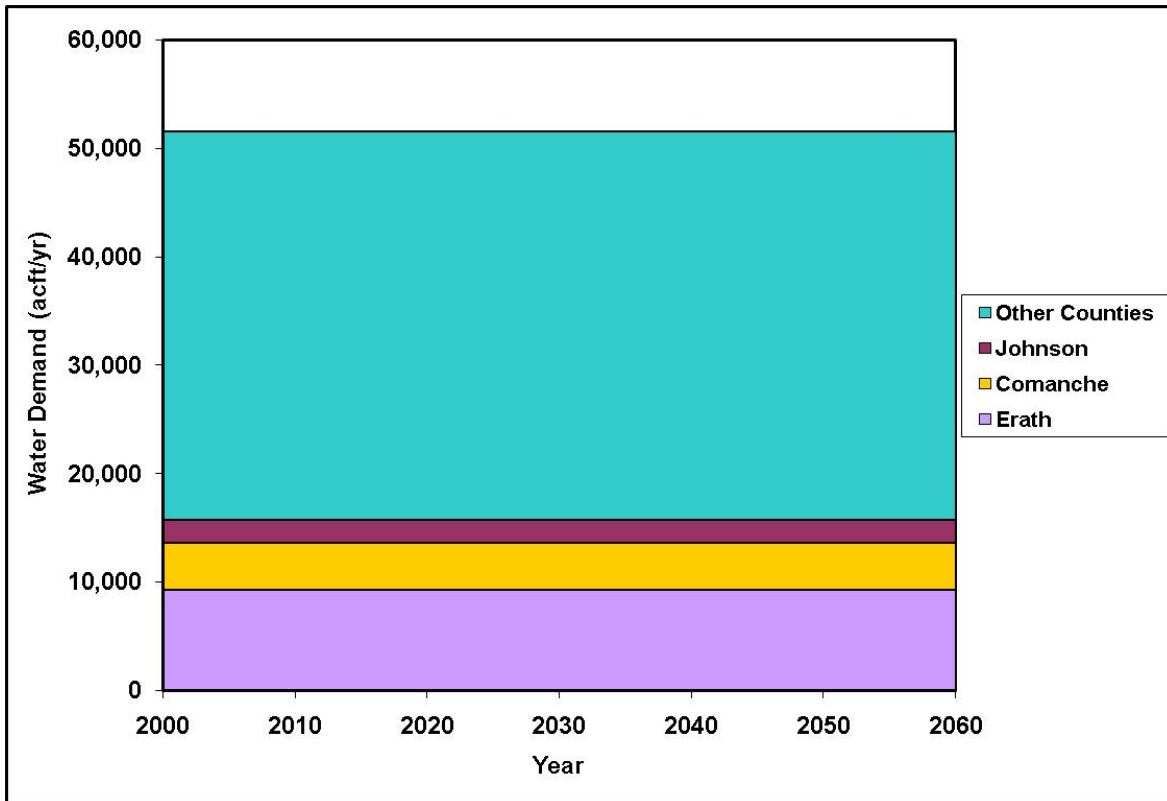


Figure 2-10. Livestock Water Demand Projections