

# Appendix A

## Historical/Supplemental Data

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## Appendix A: Description of Tables

**Table A-1. Historical Population.** Table A-1 provides detailed historical population totals for each county in the BGRWPA for each decade from 1900 through 2010. Data for the period from 1900 to 1990 were obtained from the Texas Almanac, 1994-1995. Data for 2000 and 2010 were obtained from the U.S. Census. Table A-1 also provides region totals for each year listed, percent change in population from decade to decade, the State's total population and its corresponding percent change from decade to decade.

**Table A-2. Historical Population by Subregion.** Table A-2 categorizes the data listed in Table A-1 by the subregions identified in the BGRWPA, including the Rolling Plains, IH-35 Corridor and Lower Basin. Population totals for each subregion are provided as the summation of the populations of the counties within that subregion.

**Table A-3. Historical Use by Source.** Table A-3 provides a listing of water use in the BGRWPA by source, either groundwater or surface water, for 1980 and 1984 through 2010. These data were obtained from the TWDB. The total water use for the region is also listed.

**Table A-4. Historical Groundwater Pumpage by Aquifer.** Table A-4 provides a detailed listing of groundwater use by aquifer for 1980 and 1984 through 2010. These data are a summary of data obtained from the TWDB for groundwater use in the BGRWPA.

**Table A-5. BGRWPA Reservoirs.** Table A-5 provides a complete listing of the reservoirs in the BGRWPA with a permitted capacity of at least 2,500 acre-feet. This table is provided to supplement Table 1-5 in the report.

**Table A-6. Permitted Surface Water Diversions.** Table A-6 lists the permitted diversions by county obtained from the TCEQ water-rights database. Table A-6 provides supplemental information to Table 1-6 in the report.

**Table A-7. Historical Use by County.** Table A-7 provides detailed water-use data by county for the BGRWPA for 1980 and 1984 through 2010. Region totals are also provided. The data were obtained from the TWDB.

**Table A-8. Historical Water Use by Type.** Table A-8 lists water use as municipal, manufacturing, power generation, mining, irrigation or livestock watering for the years 1980 and 1984 through 2010. Region totals are included for each year. All data were obtained from the TWDB.

**Table A-9. Historical Water Use by County, Source and Type.** Table A-9 provides 2010 water use by source and type for each county in the BGRWPA. The percentage of use by source for each county is also included. The data were obtained from the TWDB.

**Table A-1 BGRWPA Historical Population**

County	Historical Population											Census
	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
Bell	45,535	49,186	46,412	50,030	44,863	73,824	94,097	124,483	157,889	191,088	237,974	310,235
Bosque	17,390	19,013	18,032	15,750	15,761	11,836	10,809	10,966	13,401	15,125	17,204	18,212
Brazos	18,859	18,919	21,975	21,835	26,977	38,390	44,895	57,978	93,588	121,862	152,415	194,851
Burleson	18,367	18,687	16,855	19,848	18,334	13,000	11,177	9,999	12,313	13,625	16,470	17,187
Callahan	8,768	12,973	11,844	12,785	11,568	9,087	7,929	8,205	10,992	11,859	12,905	13,544
Comanche	23,009	27,186	25,748	18,430	19,245	15,516	11,865	11,898	12,617	13,381	14,026	13,974
Coryell	21,308	21,703	20,601	19,999	20,226	16,284	23,961	35,311	56,767	64,213	74,978	75,388
Eastland	17,971	23,421	58,505	34,156	30,345	23,942	19,526	18,092	19,480	18,488	18,297	18,583
Erath	29,966	32,095	28,385	20,804	20,760	18,434	16,236	18,141	22,560	27,991	33,001	37,890
Falls	33,342	35,649	36,217	38,771	35,984	26,724	21,263	17,300	17,946	17,712	18,576	17,866
Fisher	2,708	12,596	11,009	13,563	12,932	11,023	7,865	6,344	5,891	4,842	4,344	3,974
Grimes	26,106	21,205	23,101	22,642	21,960	15,135	12,709	11,855	13,580	18,828	23,552	26,604
Hamilton	13,520	15,315	14,676	13,523	13,303	10,660	8,488	7,198	8,297	7,733	8,229	8,517
Haskell	2,637	16,249	14,193	16,669	14,905	13,736	11,174	8,512	7,725	6,820	6,093	5,899
Hill	41,355	46,760	43,332	43,036	38,355	31,282	23,650	22,596	25,024	27,146	32,321	35,089
Hood	9,146	10,008	8,759	6,779	6,674	5,287	5,443	6,368	17,714	28,981	41,100	51,182
Johnson	33,819	24,460	37,286	33,317	30,384	31,390	34,720	45,769	67,649	97,165	126,811	150,934
Jones	7,053	24,299	22,323	24,233	23,378	22,147	19,299	16,106	17,268	16,490	20,785	20,202
Kent	899	2,655	3,335	3,851	3,413	2,249	1,727	1,434	1,145	1,010	859	808
Knox	2,322	9,625	9,240	11,368	10,090	10,082	7,857	5,972	5,329	4,837	4,253	3,719
Lampasas	8,625	9,532	8,800	8,677	9,167	9,929	9,418	9,323	12,005	13,521	17,762	19,677
Lee	14,595	13,132	14,014	13,390	12,751	10,144	8,949	8,048	10,952	12,854	15,657	16,612
Limestone	32,573	34,621	33,283	39,497	33,781	25,251	20,413	18,100	20,224	20,946	22,051	23,384
McLennan	59,772	73,250	82,921	98,682	101,898	130,194	150,091	147,553	170,755	189,123	213,517	234,906
Milam	39,666	36,780	38,104	37,915	33,120	23,585	22,263	20,028	22,732	22,946	24,238	24,757
Nolan	2,611	11,999	10,868	19,323	17,309	19,808	18,963	16,220	17,359	16,594	15,802	15,216
Palo Pinto	12,291	19,506	23,431	17,576	18,456	17,154	20,516	28,962	24,062	25,055	27,026	28,111
Robertson	31,480	27,454	27,933	27,240	25,710	19,908	16,157	14,389	14,653	15,511	16,000	16,622
Shackelford	2,461	4,201	4,960	6,695	6,211	5,001	3,990	3,323	3,915	3,316	3,302	3,378
Somervell	3,498	3,931	3,563	3,016	3,071	2,542	2,577	2,793	4,154	5,360	6,809	8,490



**Table A-1 Concluded BGRWPA Historical Population**

County	Historical Population											Census
	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
Stephens	6,466	7,980	15,403	16,560	12,356	10,597	8,885	8,414	9,926	9,010	9,674	9,630
Stonewall	2,183	5,320	4,086	5,667	5,589	3,679	3,017	2,397	2,406	2,013	1,693	1,490
Taylor	10,499	26,293	24,081	41,023	44,147	63,370	101,078	97,853	110,932	119,655	126,551	131,506
Throckmorton	1,750	4,563	3,589	5,253	4,275	3,618	2,767	2,205	2,053	1,880	1,850	1,641
Washington	32,931	25,561	26,624	25,394	25,387	20,542	19,145	18,842	21,998	26,154	30,373	33,718
Williamson	38,072	42,228	42,934	44,146	41,698	38,853	35,044	37,305	76,521	139,551	211,474	367,234
Young	6,540	13,657	13,379	20,128	19,004	16,810	17,254	15,400	19,001	18,126	13,989	14,804
<b>Region G Total</b>	<b>680,093</b>	<b>802,012</b>	<b>849,801</b>	<b>871,571</b>	<b>833,387</b>	<b>821,013</b>	<b>855,217</b>	<b>895,682</b>	<b>1,130,823</b>	<b>1,350,811</b>	<b>1,621,961</b>	<b>1,975,834</b>
% Change Annual Growth Rate		17.9%	6.0%	2.6%	-4.4%	-1.5%	4.2%	4.7%	26.3%	19.5%	20.1%	21.8%
State Total	3,048,710	3,896,542	4,663,228	5,824,715	6,414,824	7,711,194	9,579,677	11,196,730	14,229,191	16,986,510	20,851,820	24,915,388
% Change Annual Growth Rate		27.8%	19.7%	24.9%	10.1%	20.2%	24.2%	16.9%	27.1%	19.4%	22.8%	19.5%
		2.50%	1.80%	2.20%	1.00%	1.90%	2.20%	1.60%	2.40%	1.80%	2.10%	

**Table A-2 BGRWPA Historical Population by Subregion**

Sub-Region/ County	Historical Population <sup>1</sup>											
	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
<b>Rolling Plains</b>												
Bosque	17,390	19,013	18,032	15,750	15,761	11,836	10,809	10,966	13,401	15,125	17,204	18,212
Callahan	8,768	12,973	11,844	12,785	11,568	9,087	7,929	8,205	10,992	11,859	12,905	13,544
Comanche	23,009	27,186	25,748	18,430	19,245	15,516	11,865	11,898	12,617	13,381	14,026	13,974
Coryell	21,308	21,703	20,601	19,999	20,226	16,284	23,961	35,311	56,767	64,213	74,978	75,388
Eastland	17,971	23,421	58,505	34,156	30,345	23,942	19,526	18,092	19,480	18,488	18,297	18,583
Erath	29,966	32,095	28,385	20,804	20,760	18,434	16,236	18,141	22,560	27,991	33,001	37,890
Fisher	2,708	12,596	11,009	13,563	12,932	11,023	7,865	6,344	5,891	4,842	4,344	3,974
Hamilton	13,520	15,315	14,676	13,523	13,303	10,660	8,488	7,198	8,297	7,733	8,229	8,517
Haskell	2,637	16,249	14,193	16,669	14,905	13,736	11,174	8,512	7,725	6,820	6,093	5,899
Hood	9,146	10,008	8,759	6,779	6,674	5,287	5,443	6,368	17,714	28,981	41,100	51,182
Jones	7,053	24,299	22,323	24,233	23,378	22,147	19,299	16,106	17,268	16,490	20,785	20,202
Kent	899	2,655	3,335	3,851	3,413	2,249	1,727	1,434	1,145	1,010	859	808
Knox	2,322	9,625	9,240	11,368	10,090	10,082	7,857	5,972	5,329	4,837	4,253	3,719
Lampasas	8,625	9,532	8,800	8,677	9,167	9,929	9,418	9,323	12,005	13,521	17,762	19,677
Nolan	2,611	11,999	10,868	19,323	17,309	19,808	18,963	16,220	17,359	16,594	15,802	15,216
Palo Pinto	12,291	19,506	23,431	17,576	18,456	17,154	20,516	28,962	24,062	25,055	27,026	28,111
Shackelford	2,461	4,201	4,960	6,695	6,211	5,001	3,990	3,323	3,915	3,316	3,302	3,378
Somervell	3,498	3,931	3,563	3,016	3,071	2,542	2,577	2,793	4,154	5,360	6,809	8,490
Stephens	6,466	7,980	15,403	16,560	12,356	10,597	8,885	8,414	9,926	9,010	9,674	9,630
Stonewall	2,183	5,320	4,086	5,667	5,589	3,679	3,017	2,397	2,406	2,013	1,693	1,490
Taylor	10,499	26,293	24,081	41,023	44,147	63,370	101,078	97,853	110,932	119,655	126,551	131,506
Throckmorton	1,750	4,563	3,589	5,253	4,275	3,618	2,767	2,205	2,053	1,880	1,850	1,641
Young	6,540	13,657	13,379	20,128	19,004	16,810	17,254	15,400	19,001	18,126	13,989	14,804
<b>Totals</b>	<b>213,621</b>	<b>334,120</b>	<b>358,810</b>	<b>355,828</b>	<b>342,185</b>	<b>322,791</b>	<b>340,644</b>	<b>341,437</b>	<b>404,999</b>	<b>436,300</b>	<b>480,532</b>	<b>505,835</b>



**Table A-2 Concluded BGRWPA Historical Population by Subregion**

Sub-Region/ County	Historical Population <sup>1</sup>											
	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010
<b>IH-35 Corridor</b>												
Bell	45,535	49,186	46,412	50,030	44,863	73,824	94,097	124,483	157,889	191,088	237,974	310,235
Hill	41,355	46,760	43,332	43,036	38,355	31,282	23,650	22,596	25,024	27,146	32,321	35,089
Johnson	33,819	24,460	37,286	33,317	30,384	31,390	34,720	45,769	67,649	97,165	126,811	150,934
McLennan	59,772	73,250	82,921	98,682	101,898	130,194	150,091	147,553	170,755	189,123	213,517	234,906
Williamson	38,072	42,228	42,934	44,146	41,698	38,853	35,044	37,305	76,521	139,551	211,474	367,234
<b>Totals</b>	<b>218,553</b>	<b>235,884</b>	<b>252,885</b>	<b>269,211</b>	<b>257,198</b>	<b>305,543</b>	<b>337,602</b>	<b>377,706</b>	<b>497,838</b>	<b>644,073</b>	<b>822,097</b>	<b>1,098,398</b>
<b>Lower Basin</b>												
Brazos	18,859	18,919	21,975	21,835	26,977	38,390	44,895	57,978	93,588	121,862	152,415	194,851
Burleson	18,367	18,687	16,855	19,848	18,334	13,000	11,177	9,999	12,313	13,625	16,470	17,187
Falls	33,342	35,649	36,217	38,771	35,984	26,724	21,263	17,300	17,946	17,712	18,576	17,866
Grimes	26,106	21,205	23,101	22,642	21,960	15,135	12,709	11,855	13,580	18,828	23,552	26,604
Lee	14,595	13,132	14,014	13,390	12,751	10,144	8,949	8,048	10,952	12,854	15,657	16,612
Limestone	32,573	34,621	33,283	39,497	33,781	25,251	20,413	18,100	20,224	20,946	22,051	23,384
Milam	39,666	36,780	38,104	37,915	33,120	23,585	22,263	20,028	22,732	22,946	24,238	24,757
Robertson	31,480	27,454	27,933	27,240	25,710	19,908	16,157	14,389	14,653	15,511	16,000	16,622
Washington	32,931	25,561	26,624	25,394	25,387	20,542	19,145	18,842	21,998	26,154	30,373	33,718
<b>Totals</b>	<b>247,919</b>	<b>232,008</b>	<b>238,106</b>	<b>246,532</b>	<b>234,004</b>	<b>192,679</b>	<b>176,971</b>	<b>176,539</b>	<b>227,986</b>	<b>270,438</b>	<b>319,332</b>	<b>371,601</b>
<b>Region G Total</b>	<b>680,093</b>	<b>802,012</b>	<b>849,801</b>	<b>871,571</b>	<b>833,387</b>	<b>821,013</b>	<b>855,217</b>	<b>895,682</b>	<b>1,130,823</b>	<b>1,350,811</b>	<b>1,621,961</b>	<b>1,975,834</b>

**Table A-3 Historical Use By Source**

Water Source	Year							
	1980	1990	2000	2001	2002	2003	2004	2010
Groundwater	270,270	280,840	356,557	319,073	345,092	342,431	384,018	436,860
Surface Water	274,999	300,680	406,990	403,160	368,206	390,282	356,539	416,309
<b>Region Total</b>	<b>545,269</b>	<b>581,520</b>	<b>763,547</b>	<b>722,233</b>	<b>713,298</b>	<b>732,713</b>	<b>740,557</b>	<b>853,169</b>

**Table A-4 Historical Groundwater Pumping by Aquifer**

Aquifer	Year							
	1980	1990	2000	2001	2002	2003	2010	
Brazos Alluvium	29,426	36,528	23,070	16,592	18,368	30,342	129,064	
Carrizo-Wilcox	32,111	55,759	96,156	100,789	116,433	103,694	40,055	
Dockum	2,067	2,071	4,884	2,416	2,448	2,712	8,440	
Edwards-BFZ	9,428	12,314	34,372	16,004	16,363	17,106	18,744	
Edwards-TP	1,607	1,486	303	283	279	446	2,545	
Gulf Coast	3,326	4,870	7,251	7,328	7,844	7,150	4,162	
Queen City	1,556	1,707	2,132	2,266	2,372	2,253	2,813	
Seymour	94,996	60,795	101,710	66,743	75,543	83,037	62,601	
Sparta	1,042	1,423	1,595	1,734	3,513	3,538	4,445	
Trinity	80,601	92,655	90,180	91,635	91,970	86,062	61,816	
Woodbine	1,635	1,024	1,363	1,316	1,360	1,529	912	
Yegua-Jackson							3,600	
Blaine							406	
Ellenburger-San Saba							28	
Marble Falls							20	
Ogallala							7	
Other-Undiff	13,472	9,757	6,999	9,638	10,226	10,431	84,948	
<b>Region Total</b>	<b>271,267</b>	<b>280,389</b>	<b>370,015</b>	<b>316,744</b>	<b>346,719</b>	<b>348,300</b>	<b>424,606</b>	



**Table A-5 BGRWPA Reservoirs (Permit Capacity Greater than 2,500 acft)**

Reservoir	Stream	County	Permitted Storage (acft)	Permitted Diversion (Acft/yr)					Owner	Water Right Holders (Greater Than 1,000 acft)
				Municipal <sup>4</sup>	Industrial	Irrigation	Other	Total		
Abilene	Elm Creek	Taylor	11,868	1,675	0	0	0	1,675	City of Abilene	City of Abilene
Alcoa Lake	Sandy Creek	Milam	15,650	0	14,000	0	0	14,000	Aluminum Co. of America	Aluminum Co. of America
Alvarado	Turkey Creek	Johnson	4,781	500	300	0	0	800	City of Alvarado	
Anson North	Thompson Creek	Jones	2,500	542	0	0	0	542	City of Anson	
Aquilla	Aquilla Creek	Hill	52,400	13,896	0	0	0	13,896	U.S. Army Corps of Engineers	Brazos River Authority
Belton	Leon River	Bell	469,600	130,257	0	0	0	130,257	U.S. Army Corps of Engineers	U.S. Army Corps of Engineers, Brazos River Authority
Brusy Creek <sup>3</sup>	Brazos River	Falls	6,560	0	0	0	0	0	City of Marlin	
Camp Creek	Camp Creek	Robertson	8,400	0	0	0	0	0	Camp Creek Water Co.	
Cisco	Sandy Creek	Eastland	45,000	1,971	56	0	0	2,027	City of Cisco	City of Cisco
Cleburne	Nolan River	Johnson	25,600	5,760	0	240	0	6,000	City of Cleburne	City of Cleburne
Clyde	North Prong Pecan Creek	Callahan	5,748	1,000	0	0	0	1,000	City of Clyde	City of Clyde
Squaw Creek Reservoir <sup>2</sup>	Squaw Creek	Somervell	151,500	0	23,180	0	0	23,180	TXU Electric Co.	TXU Electric Co.
Daniel	Gonzales Creek	Stephens	11,400	2,100	0	0	0	2,100	City of Breckenridge	City of Breckenridge
Dansby Power Plant <sup>2</sup>	Thompsons Creek	Brazos	15,227	0	850	0	0	850	City of Bryan	City of Bryan
Davis/Catherine	Dutchmen Creek	Knox	7,479	0	0	2,031	0	2,031	League Ranch	League Ranch
Fort Parker	Navasota River	Limestone	3,100	0	0	6	0	6	Texas Parks and Wildlife Dept.	
Fort Phantom Hill	Elm Creek	Jones	73,960	25,690	6,500	1,000	0	33,190	City of Abilene	City of Abilene, AEP Texas
Georgetown	North Fork San Gabriel River	Williamson	37,100	13,610	0	0	0	13,610	U.S. Army Corps of Engineers	Brazos River Authority
Gibbons Creek	Gibbons Creek	Grimes	32,084	0	9,740	0	0	9,740	Texas Municipal Power Agency	Texas Municipal Power Agency
Graham/Eddleman	Flint Creek	Young	52,386	11,000	8,400	100	500	20,000	City of Graham	City of Graham
Granbury	Brazos River	Hood	155,000	64,712	0	0	0	64,712	Brazos River Authority	Brazos River Authority
Granger	San Gabriel River	Williamson	65,500	19,840	0	0	0	19,840	U.S. Army Corps of Engineers	Brazos River Authority
Hubbard Creek	Hubbard Creek	Stephens	317,750	56,000	0	0	0	56,000	West Central Texas MWD	West Central Texas MWD
Kirby	Cedar Creek	Taylor	8,500	3,880	0	0	0	3,880	City of Abilene	City of Abilene
Lake Creek	Brazos River	McLennan	8,500	0	10,000	0	0	10,000	Luminant Generation Co.	Luminant Generation Co.
Leon	Leon River	Eastland	28,000	5,450	350	500	0	6,300	Eastland Co. WSD	Eastland Co. WSD
Limestone	Navasota River	Robertson	225,400	65,074	0	0	0	65,074	Brazos River Authority	Brazos River Authority
McCarty	Salt Prong	Shackelford	2,600	600	0	0	0	600	City of Albany	
Mexia	Navasota River	Limestone	9,600	2,887	65	0	0	2,952	Bistone MWSD	Bistone MWSD
Millers Creek Lake	Millers Creek	Baylor	30,696	3,500	1,000	0	500	5,000	North Central Texas MWD	North Central Texas MWD

**Table A-5 BGRWPA Reservoirs (Permit Capacity Greater than 2,500 acft)**

Reservoir	Stream	County	Permitted Storage (acft)	Permitted Diversion (Acft/yr)					Owner	Water Right Holders (Greater Than 1,000 acft)
				Municipal <sup>4</sup>	Industrial	Irrigation	Other	Total		
New Marlin <sup>3</sup>	Brazos River	Falls	3,135	6,000	2,000	0	0	8,000	City of Marlin	City of Marlin
Palo Pinto	Palo Pinto Creek	Palo Pinto	44,124	12,500	6,000	0	0	18,500	Palo Pinto MWD	Palo Pinto MWD
Possum Kingdom	Brazos River	Palo Pinto	724,739	230,750	0	0	0	230,750	Brazos River Authority	Brazos River Authority
Proctor	Leon River	Comanche	59,400	19,658	0	0	0	19,658	U.S. Army Corps of Engineers	Brazos River Authority
Robinson Off-Channel Reservoirs	Brazos River	McLennan	8,037	13,100	0	0	0	13,100	City of Robinson	City of Robinson
E-Area End Lake	Yegua Creek	Milam	7,173	0	0	0	0	0	Aluminum Co. of America	Aluminum Co. of America
Somerville	Yegua Creek	Washington	160,110	48,000	0	0	0	48,000	U.S. Army Corps of Engineers	Brazos River Authority
Stamford	Paint Creek	Haskell	60,000	10,000	0	0	0	10,000	City of Stamford	City of Stamford
Stillhouse Hollow	Lampasas River	Bell	235,700	67,768	0	0	0	67,768	U.S. Army Corps of Engineers	Brazos River Authority
Sweetwater	Cottonwood Creek	Nolan	10,000	2,730	960	50	0	3,740	City of Sweetwater	City of Sweetwater
Tradinghouse	Brazos River	McLennan	37,800	0	15,000	0	0	15,000	Tradinghouse Power Co. LLC	Tradinghouse Power Co. LLC
Trammel	Sweetwater Creek	Nolan	2,500	2,000	0	0	0	2,000	City of Sweetwater	City of Sweetwater
Truscott Brine <sup>5</sup>	Bluff Creek	Knox	107,000	0	0	0	0	0	Red River Authority of Texas	
Twin Oak <sup>2</sup>	Duck Creek	Robertson	30,319	0	13,200	0	0	13,200	TXU Electric Co.	TXU Electric Co.
Lake Brazos	Brazos River	McLennan	3,537	5,600	0	0	0	5,600	City of Waco	City of Waco
Waco	Bosque River	McLennan	192,062	78,969	16,802	900	0	96,671	City of Waco	City of Waco
Wheeler Branch	Wheeler Branch	Somervell	4,118	2,000	0	0	0	2,000	Somervell County Water District	Somervell County Water District
Whitney	Brazos River	Hill	50,000	18,336	0	0	0	18,336	U.S. Army Corps of Engineers	Brazos River Authority

**Table A-6 Permitted Surface Water Diversions**

County	Permitted Diversions					
	Municipal	Industrial	Irrigation	Mining	Other	Total
Bell	215,829	2	5,171	138	5	221,145
Bosque	3,940	5	9,099	0	0	13,044
Brazos	27,163	55,708	12,597	0	0	95,468
Burleson	0	420	8,040	0	1,000	9,460
Callahan	1,550	0	1,042	0	0	2,592
Comanche	19,858	11	12,258	0	0	32,127
Coryell	0	0	1,994	0	0	1,994
Eastland	8,871	556	2,315	1,607	0	13,349
Erath	80	0	4,763	30	25	4,898
Falls	6,339	2,000	6,537	0	0	14,876
Fisher	0	26	724	0	0	750
Grimes	0	16,050	2,193	200	0	18,443
Hamilton	614	3	3,331	0	0	3,947
Haskell	10,000	0	1,316	0	0	11,316
Hill	57,232	25,000	1,493	0	0	83,725
Hood	64,747	0	3,901	0	0	68,648
Johnson	6,980	300	903	125	0	8,308
Jones	59,532	4,007	7,420	383	0	71,342
Kent	0	0	554	5,900	0	6,454
Knox	34	0	2,233	235	0	2,502
Lampasas	4,642	48	2,370	0	0	7,060
Lee	0	0	182	0	0	182
Limestone	5,547	67	14	1,000	0	6,628
McLennan	98,224	53,876	7,350	0	0	159,450
Milam	2,792	33,512	7,884	0	0	44,188
Nolan	5,740	45	636	0	0	6,421
Palo Pinto	243,870	6,012	3,661	41	0	253,584
Robertson	65,074	13,200	9,730	685	480	89,169
Shackelford	774	50	138	0	0	962
Somervell	5,000	23,180	764	0	0	28,944
Stephens	58,100	97	1,078	218	0	59,493
Stonewall	0	0	8	235	0	243
Taylor	5,785	3,509	1,106	0	50	10,450
Throckmorton	660	0	9	0	0	669
Washington	97,500	50,020	50,002	500	0	198,022
Williamson	88,760	30,003	6,369	858	0	125,990
Young	11,250	8,509	1,304	600	0	21,663
<b>Region Total</b>	<b>1,176,487</b>	<b>326,216</b>	<b>180,488</b>	<b>12,755</b>	<b>1,560</b>	<b>1,697,506</b>

**Table A-7 Historical Use By County**

County	Year								
	1980	2000	2001	2002	2003	2004	2005	2006	2010
Bell	31,507	49,886	45,011	49,908	49,673	49,323	51,341	48,831	57,523
Bosque	4,893	7,808	5,973	5,985	6,654	7,726	9,966	8,535	10,210
Brazos	29,300	39,097	42,624	38,086	42,613	44,050	45,216	48,199	71,551
Burleson	9,508	22,165	14,354	15,468	22,889	30,349	27,592	28,657	32,085
Callahan	3,608	3,378	3,974	4,154	3,193	3,118	3,502	2,431	3,066
Comanche	31,034	42,113	51,257	37,781	30,838	32,873	34,721	36,803	30,602
Coryell	11,898	18,044	12,854	18,060	15,887	16,230	17,601	24,033	16,185
Eastland	19,781	20,512	18,802	20,716	12,740	12,333	13,109	13,770	9,182
Erath	21,190	24,991	20,508	23,128	18,963	18,619	19,723	22,308	18,486
Falls	10,103	7,585	7,127	6,950	11,355	9,046	10,290	8,998	12,986
Fisher	5,075	4,358	4,585	4,836	4,252	4,455	5,284	6,577	6,231
Grimes	3,534	10,195	9,837	8,538	8,908	9,744	12,196	15,386	20,362
Hamilton	4,090	3,818	3,831	4,178	3,849	3,614	3,831	3,778	4,059
Haskell	43,140	52,851	32,003	38,397	37,356	38,375	40,229	41,503	37,570
Hill	5,648	6,553	7,256	6,808	7,171	7,003	9,232	7,482	10,095
Hood	8,513	12,864	12,414	12,545	16,655	11,857	16,338	16,100	19,315
Johnson	12,672	26,025	24,016	21,990	22,873	20,678	28,851	32,227	28,517
Jones	14,803	10,540	8,109	8,239	6,269	6,513	6,976	6,140	5,587
Kent	1,607	1,649	1,627	1,613	2,711	2,855	3,005	2,178	1,344
Knox	51,309	44,926	29,854	32,155	42,002	42,012	42,467	42,569	30,338
Lampasas	3,983	5,557	5,261	5,633	6,432	5,883	3,720	4,124	3,853
Lee	3,957	5,876	5,830	5,786	5,098	5,797	7,177	4,873	7,429
Limestone	4,800	27,494	20,346	23,257	25,938	30,364	28,039	26,788	32,474
McLennan	70,528	74,850	50,788	58,390	59,901	62,286	72,637	58,052	56,616
Milam	19,935	59,275	45,067	61,048	67,184	51,163	56,695	55,023	42,897
Nolan	9,719	10,170	8,381	8,861	8,093	7,782	10,310	9,040	10,847
Palo Pinto	8,749	8,302	9,174	8,853	10,823	10,270	11,358	11,967	13,035
Robertson	24,856	25,394	32,451	35,918	36,984	37,545	43,323	41,184	122,268
Shackelford	1,963	2,413	2,192	2,223	2,966	2,963	3,875	3,077	1,585
Somervell	1,578	20,101	60,149	34,483	43,728	47,062	40,989	48,931	24,879
Stephens	9,094	10,231	9,407	9,371	9,110	9,702	9,555	2,061	3,230
Stonewall	1,461	1,129	2,617	3,714	939	927	919	1,097	910
Taylor	32,040	43,122	29,461	29,003	34,066	37,123	31,000	28,625	23,999
Throckmorton	838	1,145	1,086	1,141	1,070	1,013	999	936	805
Washington	5,444	8,815	8,335	8,424	7,932	7,533	8,237	8,276	7,505
Williamson	16,471	44,125	50,065	55,240	53,164	59,985	53,353	58,363	71,868
Young	6,640	6,190	7,146	6,367	5,461	4,953	2,632	4,573	3,676
Region Total	545,269	763,547	703,772	717,247	745,740	753,124	786,288	783,495	853,170



**Table A-8 Historical Water Use by Type**

Use Type	Year								
	1980	2000	2001	2002	2003	2004	2005	2006	2010
Municipal	215,744	319,141	285,623	307,003	310,405	319,072	334,319	328,057	326,414
Manufacturing	21,124	56,993	43,931	57,545	62,966	49,548	52,239	54,828	46,131
Power	28,686	86,963	108,005	78,951	87,733	93,793	90,640	85,366	76,545
Mining	11,413	15,008	15,049	15,378	16,573	16,482	23,878	16,683	53,383
Irrigation	229,387	232,991	200,246	208,475	218,287	224,621	233,607	244,694	298,754
Livestock	38,915	52,451	50,918	49,895	49,776	49,608	51,605	53,867	51,943
<b>Region Total</b>	<b>545,269</b>	<b>763,547</b>	<b>703,772</b>	<b>717,247</b>	<b>745,740</b>	<b>753,124</b>	<b>786,288</b>	<b>783,495</b>	<b>853,170</b>

**Table A-9 Historical Water Use by County, Source and Type**

County	Water Source	Use Type						County Total	Percent of Total
		Municipal	Manufacturing	Power	Irrigation	Mining	Livestock		
Bell	G	3,568	0	0	1,560	1,155	510	6,793	11.8%
	S	46,205	521	0	1,300	1,514	1,190	50,730	88.2%
	Total	49,773	521	0	2,860	2,669	1,700	57,523	100%
Bosque	G	2,735	1	0	458	1,166	407	4,767	47%
	S	433	4	0	2,836	1,221	950	5,444	53%
	Total	3,168	5	0	3,294	2,387	1,357	10,211	100%
Brazos	G	32,667	1,666	123	31,834	82	402	66,774	93%
	S	0	0	112	3,707	211	747	4,777	7%
	Total	32,667	1,666	235	35,541	293	1,149	71,551	100%
Burleson	G	2,974	117	0	18,749	17	563	22,420	70%
	S	0	0	0	8,350	1	1,314	9,665	30%
	Total	2,974	117	0	27,099	18	1,877	32,085	100%
Callahan	G	388	0	0	649	95	278	1,410	46%
	S	744	0	0	0	77	835	1,656	54%
	Total	1,132	0	0	649	172	1,113	3,066	100%
Comanche	G	686	4	0	10,278	475	840	12,283	40%
	S	748	8	0	14,923	120	2,521	18,320	60%
	Total	1,434	12	0	25,201	595	3,361	30,603	100%
Coryell	G	2,056	0	0	144	195	180	2,575	16%
	S	12,111	3	0	271	202	1,023	13,610	84%
	Total	14,167	3	0	415	397	1,203	16,185	100%
Eastland	G	530	0	0	4,541	270	76	5,417	59%
	S	2,092	37	0	15	182	1,439	3,765	41%
	Total	2,622	37	0	4,556	452	1,515	9,182	100%



**Table A-9 Historical Water Use by County, Source and Type Continued**

County	Water Source	Use Type						County Total	Percent of Total
		Municipal	Manufacturing	Power	Irrigation	Mining	Livestock		
Erath	G	4,188	60	0	4,867	1,007	1,842	11,964	65%
	S	447	1	0	571	1,205	4,298	6,522	35%
	Total	4,635	61	0	5,438	2,212	6,140	18,486	100%
Falls	G	1,927	0	0	6,347	98	326	8,698	67%
	S	1,839	0	0	500	103	1,846	4,288	33%
	Total	3,766	0	0	6,847	201	2,172	12,986	100%
Fisher	G	546	104	0	4,393	88	337	5,468	88%
	S	235	1	0	0	21	506	763	12%
	Total	781	105	0	4,393	109	843	6,231	100%
Grimes	G	4,162	216	1	75	17	674	5,145	25%
	S	0	0	13,446	200	0	1,571	15,217	75%
	Total	4,162	216	13,447	275	17	2,245	20,362	100%
Hamilton	G	1,057	3	0	243	256	211	1,770	44%
	S	678	0	0	418	0	1,193	2,289	56%
	Total	1,735	3	0	661	256	1,404	4,059	100%
Haskell	G	192	0	0	35,865	27	174	36,258	97%
	S	808	0	0	93	6	406	1,313	3%
	Total	1,000	0	0	35,958	33	580	37,571	100%
Hill	G	3,422	1	0	181	593	91	4,288	42%
	S	2,757	0	0	569	772	1,709	5,807	58%
	Total	6,179	1	0	750	1,365	1,800	10,095	100%
Hood	G	6,708	6	6	675	1,216	240	8,851	46%
	S	664	0	485	7,500	1,522	293	10,464	54%
	Total	7,372	6	491	8,175	2,738	533	19,315	100%

**Table A-9 Historical Water Use by County, Source and Type Continued**

County	Water Source	Use Type						County Total	Percent of Total
		Municipal	Manufacturing	Power	Irrigation	Mining	Livestock		
Johnson	G	6,139	698	0	130	1,762	428	9,157	32%
	S	14,129	849	644	269	2,468	999	19,358	68%
	Total	20,268	1,547	644	399	4,230	1,427	28,515	100%
Jones	G	1,392	0	0	926	101	221	2,640	47%
	S	1,977	0	0	500	61	409	2,947	53%
	Total	3,369	0	0	1,426	162	630	5,587	100%
Kent	G	132	0	0	888	16	263	1,299	97%
	S	0	0	0	12	4	29	45	3%
	Total	132	0	0	900	20	292	1,344	100%
Knox	G	189	0	0	29,131	10	91	29,421	97%
	S	532	0	0	15	4	366	917	3%
	Total	721	0	0	29,146	14	457	30,338	100%
Lampasas	G	107	0	0	76	79	296	558	14%
	S	2,014	159	0	474	97	551	3,295	86%
	Total	2,121	159	0	550	176	847	3,853	100%
Lee	G	2,328	6	0	1,575	2,102	425	6,436	87%
	S	0	0	0	0	0	993	993	13%
	Total	2,328	6	0	1,575	2,102	1,418	7,429	100%
Limestone	G	2,448	215	711	0	3,457	16	6,847	21%
	S	957	8	20,988	0	2,119	1,554	25,626	79%
	Total	3,405	223	21,699	0	5,576	1,570	32,473	100%
McLennan	G	14,608	508	98	834	735	262	17,045	30%
	S	31,494	1,699	230	3,287	1,373	1,487	39,570	70%
	Total	46,102	2,207	328	4,121	2,108	1,749	56,615	100%





**Table A-9 Historical Water Use by County, Source and Type Continued**

County	Water Source	Use Type						County Total	Percent of Total
		Municipal	Manufacturing	Power	Irrigation	Mining	Livestock		
Milam	G	3,698	12,653	0	1,920	15	592	18,878	44%
	S	1,450	19,613	0	1,574	1	1,381	24,019	56%
	Total	5,148	32,266	0	3,494	16	1,973	42,897	100%
Nolan	G	1,603	314	0	8,055	59	203	10,234	94%
	S	256	139	0	67	16	135	613	6%
	Total	1,859	453	0	8,122	75	338	10,847	100%
Palo Pinto	G	265	0	0	1,500	343	89	2,197	17%
	S	4,347	8	460	3,800	293	1,930	10,838	83%
	Total	4,612	8	460	5,300	636	2,019	13,035	100%
Robertson	G	2,375	51	342	76,833	15,185	759	95,545	78%
	S	0	4,725	17,334	2,780	114	1,771	26,724	22%
	Total	2,375	4,776	17,676	79,613	15,299	2,530	122,269	100%
Shackelford	G	26	0	0	69	174	7	276	17%
	S	600	9	0	6	36	658	1,309	83%
	Total	626	9	0	75	210	665	1,585	100%
Somervell	G	1,202	2	21	130	691	54	2,100	8%
	S	339	0	21,283	95	935	127	22,779	92%
	Total	1,541	2	21,304	225	1,626	181	24,879	100%
Stephens	G	115	0	0	18	1,001	59	1,193	37%
	S	1,143	7	0	115	245	527	2,037	63%
	Total	1,258	7	0	133	1,246	586	3,230	100%

**Table A-9 Historical Water Use by County, Source and Type Concluded**

County	Water Source	Use Type						County Total	Percent of Total
		Municipal	Manufacturing	Power	Irrigation	Mining	Livestock		
Stonewall	G	68	0	0	94	120	290	572	63%
	S	232	0	0	6	28	72	338	37%
	Total	300	0	0	100	148	362	910	100%
Taylor	G	1,381	3	0	750	475	151	2,760	12%
	S	19,629	579	0	12	166	853	21,239	88%
	Total	21,010	582	0	762	641	1,004	23,999	100%
Throckmorton	G	20	0	0	0	47	0	67	8%
	S	192	0	0	0	10	536	738	92%
	Total	212	0	0	0	57	536	805	100%
Washington	G	2,071	293	0	300	10	152	2,826	38%
	S	3,068	214	0	0	28	1,369	4,679	62%
	Total	5,139	507	0	300	38	1,521	7,505	100%
Williamson	G	17,547	116	0	372	2,767	653	21,455	27%
	S	52,689	491	0	29	2,234	1,524	56,967	73%
	Total	70,236	607	0	401	5,001	2,177	78,422	100%
Young	G	504	0	0	0	81	161	746	16%
	S	2,875	25	261	0	9	644	3,814	84%
	Total	3,379	25	261	0	90	805	4,560	100%