

## Appendix A: Historical Supplemental Data

**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 2020. Historical data provided was obtained from the U.S. Census Bureau. 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, 1990, 2000, 2010, 2016, and 2017. 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, 1990, 2000, 2010, 2016, and 2017. 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, 1990, 2000, 2010, 2016, and 2017. 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 1980, 1990, 2000, 2010, 2016, and 2017. 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 2017 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**

Historical Population													
County	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010	2020
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	370,647
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	18,235
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	233,849
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	17,642
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	13,708
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	13,594
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	83,093
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	17,725
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	42,545
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	16,968
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	3,672
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	29,268
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	8,222
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	5,416
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	35,874
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	61,598
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	179,927
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	19,663
Kent	899	2,655	3,335	3,851	3,413	2,249	1,727	1,434	1,145	1,010	859	808	753
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	3,353
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	21,627
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	17,478
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	22,146
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	260,579
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	24,754
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	14,738
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	28,409

Historical Population													
County	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010	2020
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	16757
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	3105
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	9205
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	9101
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	1245
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	143208
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	1440
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	35805
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	531124
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	14,426
<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>	<b>2,330,899</b>
% change		17.93%	5.96%	2.56%	-4.38%	-1.48%	4.17%	4.73%	26.25%	19.45%	20.07%	21.82%	17.97%
Annual Growth Rate		1.66%	0.58%	0.25%	-0.45%	-0.15%	0.41%	0.46%	2.36%	1.79%	1.85%	1.99%	1.67%
<b>State Total</b>	<b>3048710</b>	<b>3896542</b>	<b>4663228</b>	<b>5824715</b>	<b>6414824</b>	<b>7711194</b>	<b>1E+07</b>	<b>1E+07</b>	<b>1.4E+07</b>	<b>1.7E+07</b>	<b>20851820</b>	<b>25145561</b>	<b>29145505</b>
% Change		27.81%	19.68%	24.91%	10.13%	20.21%	24.23%	16.88%	27.08%	19.38%	22.76%	20.59%	15.91%
Annual Growth Rate		2.48%	1.81%	2.25%	0.97%	1.86%	2.19%	1.57%	2.43%	1.79%	2.07%	1.89%	1.49%

**Table A.2. Historical Population by Subregion**

Sub-Region/ County	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010	2020
<i>Rolling Plains</i>													
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	18235
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	13708
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	13594
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	83093
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	17725
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	42545
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	3672
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	8222
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	5416
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	61598
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	19663
Kent	899	2,655	3,335	3,851	3,413	2,249	1,727	1,434	1,145	1,010	859	808	753
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	3353
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	21627
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	14738
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	28409
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	3105
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	9205
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	9101
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	1245
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	143208
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	1440
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	14426
<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>	<b>538,081</b>
<i>IH-35 Corridor</i>													
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	370647
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	35874

Sub-Region/ County	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010	2020
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	179,927
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	260,579
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	531,124
<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>1,378,151</b>
<i>Lower Basin</i>													
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	233,849
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	17,642
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	16,968
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	29,268
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	17,478
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	22,146
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	24,754
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	16,757
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	35,805
<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>414,667</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>	<b>2,330,899</b>

**Table A.3. Historical Use by Source.**

Water Source	Year						2021
	1980	1990	2000	2010	2016	2017	
Groundwater	270,270	280,840	356,557	436,860	393,398	432,527	403144
Surface Water	274,999	300,680	406,990	416,309	421,867	445,650	508425
<b>Region Total</b>	<b>545,269</b>	<b>581,520</b>	<b>763,547</b>	<b>853,169</b>	<b>815,265</b>	<b>878,177</b>	<b>911,569</b>

**Table A.4. Historical Groundwater Pumpage by Aquifer.**

Aquifer	Year						
	1980	1990	2000	2010	2016	2017	2021
Brazos Alluvium	29426	36528	23070	129064	110859	133065	115112
Carrizo-Wilcox	32111	55759	96156	40055	40611	40089	65216
Dockum	2067	2071	4884	8440	12140	14326	15700
Edwards-BFZ	9428	12314	34372	18744	15589	13696	16958
Edwards-TP	1607	1486	303	2545	1730	2166	318
Gulf Coast	3326	4870	7251	4162	2907	2708	3500
Queen City	1556	1707	2132	2813	2356	2676	2362
Seymour	94996	60795	101710	62601	66934	76405	67171
Sparta	1042	1423	1595	4445	4948	4529	4487
Trinity	80601	92655	90180	61816	70511	72121	75366
Woodbine	1635	1024	1363	912	476	405	385
Yegua-Jackson				3600	3021	3079	2665
Blaine				406	279	335	383
Ellenburger-San Saba				28	17	18	22
Marble Falls				20	23	23	13
Ogallala				7	1	1	
Other-Undiff	13472	9757	6999	84948	61638	66817	994
<b>Region Total</b>	<b>271,267</b>	<b>280,389</b>	<b>370,015</b>	<b>424,606</b>	<b>394,040</b>	<b>432,459</b>	<b>370,652</b>

**Table A.5. BGRWPA Reservoirs**

Reservoir	Stream	County	Permitted Storage (acft)	Permitted Diversion (Acft/yr)					Owner	Water Right Holders (Greater than 1,000 acft)
				Municipal	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	Turke 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
Brushy Creek	Brazos River	Falls	6,560	4,000	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
Daniel	Gonzales Creek	Stephens	11,400	2,100	0	0	0	2,100	City of Breckenridge	City of Breckenridge
Dansby Power plant	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
E-Area End Lake	Yegua Creek	Milam	7,173	0		0	0	0	Aluminum Co. of America	Aluminum Co. of America
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		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 Rive 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



Reservoir	Stream	County	Permitted Storage (acft)	Permitted Diversion (Acft/yr)					Owner	Water Right Holders (Greater than 1,000 acft)
				Municipal	Industrial	Irrigation	Other	Total		
Lake Brazos	Brazos River	McLennan	3,537	5,600	0	0	0	5,600	City of Waco	City of Waco
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
New Marlin	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 Rive Authority
Robinson Off-Channel Reservoirs	Brazos River	McLennan	8,037	13,100	0	0	0	13,100	City of Robinson	City of Robinson
Somerville	Yegua Creek	Washington	160,110	48,000	0	0	0	48,000	U.S. Army Corps of Engineers	Brazos Rive Authority
Squaw Creek Reservoir	Squaw Creek	Somervell	151,500	0	23,180	0	0	23,180	TXU Electric Co.	TXU Electric Co.
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	Bluff Creek	Knox	107,000	0	0	0	0	0	Red River Authority of Texas	
Twin Oak	Duck Creek	Robertson	30,319		13,200			13,200	TXU Electric Co.	TXU Electric Co.
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
Mineral Wells		Parker	7,065	840	0	1680	0	2,520	Mineral Wells	City of Mineral Wells

**Table A.6. lists the permitted diversions by county obtained from the TCEQ water - rights database.**

County	Permitted Diversion (acft/yr)					
	Municipal	Industrial	Irrigation	Mining	Other	Total
Bell	45080	5152	5144.344	346	5	55727.34
Bosque	3940	9	5635		0	9584
Brazos		1169	12468.19	749	884.4	15270.59
Burleson		7398	2778	1900	0	12076
Callahan	550		1042		0	1592
Comanche	5035	11	11902.04		0	16948.04
Coryell			1994			1994
Eastland	8421	506	2010	1607	0	12544
Erath	280		3951.16		25	4256.16
Falls	6339	2078	7319	137	0	15873
Fisher		26	724			750
Grimes			1893		0	1893
Hamilton	614	2.5	3252.777			3869.277
Haskell			1309			1309
Hill			1756	1459	0	3215
Hood	690	39350	10424.78	350	400	51214.78
Johnson	500	300	3286.1	125	0	4211.1
Jones	33842		2028	378	0	36248
Kent	0		554	5900		6454
Knox	34		2233		0	2267
Lampasas	882	58	2369.8		0	3309.8
Lee			182	325		507
Limestone	5547	65	8	92	0	5712
McLennan	37089	43883	5192		0	86164
Milam	2792	69628	8284.2	1637	0	82341.2
Nolan	2000	45	636			2681

County	Permitted Diversion (acft/yr)					
	Municipal	Industrial	Irrigation	Mining	Other	Total
Palo Pinto	15374	109676	6909	1183.1	0	133142.1
Robertson		1396058	10710	1071.7	0	1407840
Shackelford	774		88		0	862
Somervell		23280	506	564	0	24350
Stephens	2100		1078		0	3178
Stonewall			8	235	0	243
Taylor	1905	649	1101.6	32	50	3737.6
Throckmorton	660		9			669
Washington	774	20	2.25	450	0	1246.25
Williamson	310	203	843.3	540	3620	5516.3
Young	11250	12003	1368	613	0	25234
<b>Region Total</b>	<b>186,782</b>	<b>1,711,570</b>	<b>121,000</b>	<b>19,693.8</b>	<b>4,984.4</b>	<b>2,044,029</b>

**Table A.7. Historical Use by County**

County	Year						
	1980	1990	2000	2010	2016	2017	2021
Bell	31,507	35,866	49,886	57,523	59,028	60,352	65,548
Bosque	4,893	5,403	7,808	10,210	7,945	8,620	9,556
Brazos	29,300	41,264	39,097	71,551	74,249	79,363	144,353
Burleson	9,508	9,956	22,165	32,085	20,551	30,629	19,831
Callahan	3,608	3,396	3,378	3,066	2,083	2,234	2,802
Comanche	31,034	54,850	42,113	30,602	28,506	33,182	34,807
Coryell	11,898	11,202	18,044	16,185	14,024	13,976	14,952
Eastland	19,781	16,491	20,512	9,182	6,157	6,772	6,437
Erath	21,190	19,902	24,991	18,486	16,095	18,309	20,849
Falls	10,103	10,966	7,585	12,986	10,544	12,425	11,556
Fisher	5,075	4,630	4,358	6,231	4,141	4,646	5,692
Grimes	3,534	15,969	10,195	20,362	14,489	13,412	9,375
Hamilton	4,090	4,476	3,818	4,059	3,304	4,186	4,229
Haskell	43,140	24,172	52,851	37,570	42,051	46,366	42,358
Hill	5,648	5,286	6,553	10,095	8,136	8,116	8,595
Hood	8,513	15,605	12,864	19,315	16,272	17,815	17,065
Johnson	12,672	15,182	26,025	28,517	24,334	24,867	29,009
Jones	14,803	9,703	10,540	5,587	5,491	5,201	7,814
Kent	1,607	1,916	1,649	1,344	1,098	1,151	1,270
Knox	51,309	33,774	44,926	30,338	29,736	36,119	29,545
Lampasas	3,983	3,350	5,557	3,853	4,672	4,620	5,067
Lee	3,957	4,677	5,876	7,429	4,364	5,073	4,632
Limestone	4,800	9,766	27,494	32,474	21,366	21,279	14,829
McLennan	70,528	58,934	74,850	56,616	66,864	68,621	64,635
Milam	19,935	32,134	59,275	42,897	32,465	30,337	16,490
Nolan	9,719	7,389	10,170	10,847	14,773	16,614	16,207
Palo Pinto	8,749	7,067	8,302	13,035	7,558	9,265	8,695

County	Year						
	1980	1990	2000	2010	2016	2017	2021
Robertson	24,856	25,504	25,394	122,268	105,778	123,708	109377
Shackelford	1,963	2,072	2,413	1,585	1,335	1,203	1358
Somervell	1,578	11,424	20,101	24,879	67,795	68,495	70540
Stephens	9,094	3,597	10,231	3,230	1,920	1,964	1943
Stonewall	1,461	1,719	1,129	910	614	695	721
Taylor	32,040	31,573	43,122	23,999	24,756	25,550	27684
Throckmorton	838	1,475	1,145	805	665	946	1065
Washington	5,444	6,397	8,815	7,505	6,291	6,789	7355
Williamson	16,471	27,458	44,125	71,868	84,636	88,785	104868
Young	6,640	6,975	6,190	3,676	4,751	4,426	5030
<b>Region Total</b>	<b>545,269</b>	<b>581,520</b>	<b>763,547</b>	<b>853,170</b>	<b>838,837</b>	<b>906,111</b>	<b>946139</b>

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

Use Type	Year					
	1980	1990	2000	2010	2017	2021
Municipal	216,782	238,260	312,169	333,404	362,937	387,752
Manufacturing	21,124	32,240	60,522	9,006	10,582	10,081
Power	28,686	57,657	97,921	113,553	205,181	199,296
Mining	11,413	6,944	4,382	57,644	13,730	9,246
Irrigation	229,387	200,954	232,911	298,754	315,648	284,769
Livestock	38,916	46,771	53,222	55,208	41,987	43,303
<b>Total Use</b>	<b>546,308</b>	<b>582,826</b>	<b>761,127</b>	<b>867,569</b>	<b>950,065</b>	<b>934,447</b>

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

County	Water Source	Use Type						County Total	Percent of Total
		Municipal	Manufacturing	Mining	Power	Irrigation	Livestock		
Bell	G	3,047	2	31	0	726	221	4,027	6.6%
	S	53,959	551	2	0	2,299	516	57,327	93.4%
	Total	57,006	553	33	0	3,025	737	61,354	100.0%
Bosque	G	2,947	3	0	0	1,671	290	4,911	51.4%
	S	430	1	12	2,383	1,135	678	4,639	48.6%
	Total	3,377	4	12	2,383	2,806	968	9,550	100.0%
Brazos	G	35,268	1,706	118	63	28,853	410	66,418	46.5%
	S	1,079	0	0	73,801	876	761	76,517	53.5%
	Total	36,347	1,706	118	73,864	29,729	1,171	142,935	100.0%
Burleson	G	2,476	30	93	0	15,868	313	18,780	95.0%
	S	0	0	0	0	265	729	994	5.0%
	Total	2,476	30	93	0	16,133	1,042	19,774	100.0%
Callahan	G	467	0	0	0	482	218	1,167	41.6%
	S	980	0	0	0	1	654	1,635	58.4%
	Total	1,447	0	0	0	483	872	2,802	100.0%
Comanche	G	670	1	5	0	17,549	868	19,093	54.9%
	S	1,321	6	0	0	11,783	2,604	15,714	45.1%
	Total	1,991	7	5	0	29,332	3,472	34,807	100.0%
Coryell	G	522	0	0	0	438	151	1,111	7.5%
	S	12,718	3	2	0	180	856	13,759	92.5%
	Total	13,240	3	2	0	618	1,007	14,870	100.0%
Eastland	G	392	0	0	0	2,728	40	3,160	49.9%
	S	1,895	43	242	0	235	763	3,178	50.1%
	Total	2,287	43	242	0	2,963	803	6,338	100.0%
Erath	G	4,414	141	0	0	9,606	1,824	15,985	76.7%
	S	448	0	0	0	160	4,256	4,864	23.3%
	Total	4,862	141	0	0	9,766	6,080	20,849	100.0%

County	Water Source	Use Type						County Total	Percent of Total
		Municipal	Manufacturing	Mining	Power	Irrigation	Livestock		
Falls	G	1,124	0	0	0	6,274	303	7,701	66.6%
	S	1,895	0	0	0	246	1,714	3,855	33.4%
	Total	3,019	0	0	0	6,520	2,017	11,556	100.0%
Fisher	G	359	106	86	0	4,133	136	4,820	89.8%
	S	345	0	0	0	0	205	550	10.2%
	Total	704	106	86	0	4,133	341	5,370	100.0%
Grimes	G	4,070	186	0	1	381	322	4,960	53.1%
	S	0	0	0	3,628	0	753	4,381	46.9%
	Total	4,070	186	0	3,629	381	1,075	9,341	100.0%
Hamilton	G	602	0	0	0	1,251	246	2,099	49.6%
	S	714	15	0	0	9	1,392	2,130	50.4%
	Total	1,316	15	0	0	1,260	1,638	4,229	100.0%
Haskell	G	155	0	0	0	41,055	139	41,349	97.6%
	S	684	1	0	0	0	324	1,009	2.4%
	Total	839	1	0	0	41,055	463	42,358	100.0%
Hill	G	3,835	0	2	0	336	62	4,235	49.3%
	S	2,921	4	0	0	259	1,176	4,360	50.7%
	Total	6,756	4	2	0	595	1,238	8,595	100.0%
Hood	G	5,592	4	65	15	3,244	192	9,112	53.4%
	S	3,467	0	1	1,834	2,417	234	7,953	46.6%
	Total	9,059	4	66	1,849	5,661	426	17,065	100.0%
Johnson	G	6,234	1,121	4	0	80	413	7,852	27.9%
	S	18,053	743	0	343	213	963	20,315	72.1%
	Total	24,287	1,864	4	343	293	1,376	28,167	100.0%
Jones	G	761	0	461	0	1,951	144	3,317	44.8%
	S	1,899	0	0	0	1,917	268	4,084	55.2%
	Total	2,660	0	461	0	3,868	412	7,401	100.0%
Kent	G	129	0	2	0	828	266	1,225	96.5%



County	Water Source	Use Type						County Total	Percent of Total
		Municipal	Manufacturing	Mining	Power	Irrigation	Livestock		
	S	0	0	0	0	15	30	45	3.5%
	Total	129	0	2	0	843	296	1,270	100.0%
	G	132	0	0	0	28,418	93	28,643	96.9%
Knox	S	528	0	0	0	0	374	902	3.1%
	Total	660	0	0	0	28,418	467	29,545	100.0%
	G	102	0	0	0	99	194	395	7.8%
Lampasas	S	3,709	160	28	0	414	359	4,670	92.2%
	Total	3,811	160	28	0	513	553	5,065	100.0%
	G	2,331	8	198	0	680	400	3,617	79.5%
Lee	S	0	0	0	0	0	934	934	20.5%
	Total	2,331	8	198	0	680	1,334	4,551	100.0%
	G	2,377	33	349	521	23	15	3,318	22.4%
Limestone	S	806	7	291	8,973	0	1,421	11,498	77.6%
	Total	3,183	40	640	9,494	23	1,436	14,816	100.0%
	G	11,301	1,216	0	3	2,204	266	14,990	27.1%
McLennan	S	33,462	2,324	50	0	3,011	1,510	40,357	72.9%
	Total	44,763	3,540	50	3	5,215	1,776	55,347	100.0%
	G	3,401	0	282	0	4,119	492	8,294	50.8%
Milam	S	6,747	0	15	0	112	1,149	8,023	49.2%
	Total	10,148	0	297	0	4,231	1,641	16,317	100.0%
	G	1,514	376	7	0	13,472	150	15,519	96.7%
Nolan	S	156	174	0	0	96	100	526	3.3%
	Total	1,670	550	7	0	13,568	250	16,045	100.0%
	G	384	0	0	0	408	79	871	10.1%
Palo Pinto	S	4,905	10	664	265	400	1,510	7,754	89.9%
	Total	5,289	10	664	265	808	1,589	8,625	100.0%
	G	2,410	38	3,118	5,460	67,330	644	79,000	72.3%
Robertson	S	91	0	0	28,441	212	1,504	30,248	27.7%

County	Water Source	Use Type						County Total	Percent of Total
		Municipal	Manufacturing	Mining	Power	Irrigation	Livestock		
	Total	2,501	38	3,118	33,901	67,542	2,148	109,248	100.0%
Shackelford	G	16	0	0	0	157	5	178	13.1%
	S	675	0	0	0	0	505	1,180	86.9%
	Total	691	0	0	0	157	510	1,358	100.0%
Somervell	G	745	2	484	1	157	41	1,430	2.0%
	S	774	0	98	67,880	92	97	68,941	98.0%
	Total	1,519	2	582	67,881	249	138	70,371	100.0%
Stephens	G	44	0	28	0	108	41	221	11.4%
	S	1,227	3	0	0	125	365	1,720	88.6%
	Total	1,271	3	28	0	233	406	1,941	100.0%
Stonewall	G	120	0	0	0	96	336	552	76.6%
	S	85	0	0	0	0	84	169	23.4%
	Total	205	0	0	0	96	420	721	100.0%
Taylor	G	68	4	9	0	737	110	928	3.8%
	S	21,679	474	0	0	940	623	23,716	96.2%
	Total	21,747	478	9	0	1,677	733	24,644	100.0%
Throckmorton	G	22	0	1	0	67	0	90	8.5%
	S	267	0	0	0	0	708	975	91.5%
	Total	289	0	1	0	67	708	1,065	100.0%
Washington	G	2,146	142	213	0	209	172	2,882	39.9%
	S	2,697	89	0	0	0	1,552	4,338	60.1%
	Total	4,843	231	213	0	209	1,724	7,220	100.0%
Williamson	G	18,828	42	1,097	0	343	429	20,739	20.2%
	S	80,439	298	0	0	22	1,001	81,760	79.8%
	Total	99,267	340	1,097	0	365	1,430	102,499	100.0%
Young	G	447	0	0	0	104	135	686	13.6%
	S	2,391	80	0	645	686	542	4,344	86.4%
	Total	2,838	80	0	645	790	677	5,030	100.0%

