

NOTICE OF OPEN MEETING OF THE
SOUTH CENTRAL TEXAS
REGIONAL WATER PLANNING
POPULATION AND WATER
DEMANDS WORK GROUP

TAKE NOTICE that a meeting of the Population and Water Demands Work Group, as established by the South Central Texas Regional Water Planning Group (SCTRWPG) will be held on Tuesday, June 27, 2023, at 1:00 PM both in person and virtually. The in person meeting will be held at the San Antonio River Authority, 100 E. Guenther Street, San Antonio, TX 78204. You can attend virtually on GotoMeeting at <https://meet.goto.com/828072693>. The following subjects will be considered for discussion and/or action at said meeting.

1. Review Released Draft Data from TWDB and Revisions Requested from WUGs
 - a. Population and Municipal Water Demand Projections
2. Discussion and Appropriate Action Regarding Recommendation for Feedback to TWDB

Comments and submissions may be submitted through email to ccastillo@sariverauthority.org. Any written documentation can be sent to Tim Andruss, Chair, South Central Texas Regional Water Planning Group, c/o San Antonio River Authority, Attn: Caye Castillo, 100 E. Guenther Street, San Antonio, TX 78204. Please direct any questions to Caye Castillo at (210) 302-4258.

Agenda Item 1.a:

Review Released Draft Data from TWDB and Revisions Requested from WUGs:

Population and Municipal Water Demand Projections

WUG Requested Revisions (as of 6/21/2023)

WUG Coordination

WUG requested revisions (32)

- Alamo Heights
- Canyon Lake Water Service (Texas Water Co.)
- Castroville
- Cibolo
- Concan WSC
- Cotulla
- County Line SUD
- Crystal Clear SUD
- Cuero
- East Central SUD
- Elmendorf
- Fair Oaks Ranch
- Garden Ridge
- GBRA
- Gonzales County WSC
- Hondo
- Kendall County WCID 1
- Kyle
- La Vernia
- Leon Valley
- Live Oak (NR)
- Lockhart
- Martindale WSC
- Maxwell SUD
- Pleasanton
- Port Lavaca
- San Marcos
- SAWS
- Seguin
- Shavano Park (NR)
- Texas State University
- Uvalde

After further consideration, no revisions requested by WUG (6)

WUG indicated TWDB-provided projections appear reasonable (27)

- 3009 Water Company
- Aqua WSC
- Bexar County WCID 10
- Converse
- El Oso WSC
- EMCSUD
- Falls City
- Gonzales
- Green Valley Special Utility District
- Karnes County-Other
- La Coste
- McCoy Water Corp
- Natalia
- Boerne
- Moore WSC
- New Braunfels Utilities
- Point Comfort
- Poteet
- Schertz
- Smiley
- Stockdale
- Sunko WSC
- The Oaks WSC
- Three Oaks WSC
- Tri-Community Water
- Universal City
- Ville D 'Alsace Water Supply
- Windmill WSC
- Wingert Water Systems
- Yoakum
- Selma
- Victoria
- SS WSC

Region L County Populations by Scenario

Region	County	1.0 migration scenario (WUGs projected using this scenario)						0.5 migration scenario					
		2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070	2080
L	ATASCOSA	53,324	57,374	61,473	64,960	68,952	73,522	51,727	54,132	56,203	57,491	58,854	60,296
L	BEXAR	2,302,829	2,599,727	2,865,834	3,102,720	3,373,931	3,684,440	2,211,656	2,387,174	2,524,414	2,630,194	2,742,102	2,860,493
L	CALDWELL	53,749	61,689	69,133	76,291	84,486	93,868	50,343	54,283	57,303	59,889	62,625	65,520
L	CALHOUN	18,515	16,791	14,926	13,162	11,142	8,829	19,449	18,619	17,599	16,571	15,483	14,332
L	COMAL	226,709	315,640	434,242	584,380	756,273	953,073	190,748	222,521	256,086	290,856	327,640	366,555
L	DEWITT	19,717	19,552	19,234	18,759	18,215	17,592	19,716	19,687	19,565	19,482	19,394	19,301
L	DIMMIT	7,341	6,303	5,340	4,484	3,504	2,382	8,175	7,818	7,383	6,983	6,560	6,112
L	FRIIO	19,512	20,540	21,269	21,643	22,071	22,561	19,446	20,379	21,083	21,592	22,130	22,699
L	GOLIAD	6,803	6,648	6,559	6,454	6,334	6,197	6,769	6,592	6,394	6,264	6,126	5,980
L	GONZALES	19,204	18,674	17,796	16,865	15,799	14,579	19,716	19,697	19,399	19,064	18,710	18,335
L	GUADALUPE	216,582	268,305	326,154	387,211	457,115	537,148	195,808	219,232	241,021	259,920	279,914	301,066
L	HAYS	260,714	376,095	528,035	734,262	970,372	1,240,694	221,648	271,336	322,357	379,538	440,032	504,031
L	KARNES	15,357	16,052	16,739	17,527	18,429	19,462	15,206	15,722	16,182	16,751	17,353	17,990
L	KENDALL	56,306	70,896	89,665	111,448	136,387	164,940	49,191	54,496	60,143	65,422	71,007	76,916
L	LA SALLE	6,645	6,586	6,319	5,926	5,476	4,961	6,723	6,766	6,690	6,529	6,359	6,179
L	MEDINA	54,536	57,772	60,148	61,719	63,518	65,578	52,700	54,147	54,761	54,852	54,948	55,050
L	REFUGIO	6,283	5,820	5,352	4,897	4,376	3,780	6,489	6,243	5,992	5,799	5,595	5,379
L	UVALDE	22,571	20,698	18,741	16,822	14,625	12,110	24,095	23,623	22,929	22,142	21,309	20,428
L	VICTORIA	93,954	96,082	96,608	96,168	95,664	95,087	93,984	95,975	96,635	96,664	96,695	96,728
L	WILSON	55,858	61,941	67,968	73,304	79,413	86,407	52,712	55,297	57,252	58,451	59,719	61,060
L	ZAVALA	8,595	7,590	6,649	5,747	4,714	3,531	9,480	9,232	8,858	8,472	8,064	7,632
Region L Total		3,525,104	4,110,775	4,738,184	5,424,749	6,210,796	7,110,741	3,325,781	3,622,971	3,878,249	4,102,926	4,340,619	4,592,082

0.5 scenario is higher than 1.0

Counties with requested changes (14)

- Atascosa
- Bexar
- Caldwell
- Calhoun
- Comal
- De Witt
- Gonzales
- Guadalupe
- Hays
- Kendall
- La Salle
- Medina
- Uvalde
- Wilson

Counties with no changes (7)

- Dimmit
- Frio
- Goliad
- Karnes
- Refugio
- Victoria
- Zavala

Atascosa County

Recommend utilizing the 1.0 migration scenario

ATASCOSA COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	53,324	57,374	61,473	64,960	68,952	73,522
0.5 migration scenario	51,727	54,132	56,203	57,491	58,854	60,296

- No response from WUG
 - ✓ WUG indicated draft projections appear reasonable
 - WUG requested revision
 - After further consideration, no revisions requested by WUG
- Benton City WSC
 - Charlotte
 - County-Other, Atascosa
 - ✓ El Oso WSC*
 - Jourdanton
 - Lytle*
 - ✓ McCoy WSC*
 - Pleasanton
 - ✓ Poteet
 - ✓ San Antonio Water System*

* WUG split between other counties

Atascosa County Requested Population Changes

Updated since May 19 PWD Mtg

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	53,324	57,374	61,473	64,960	68,952	73,522
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Benton City WSC	14,426	16,133	17,752	18,851	20,120	21,580
Charlotte	1,235	1,127	1,054	1,084	1,114	1,145
County-Other, Atascosa	885	1,184	1,455	964	613	312
El Oso WSC*	106	128	148	158	170	185
Jourdanton	4,958	5,239	5,540	5,840	6,182	6,572
Lytle*	2,696	2,851	3,017	3,180	3,366	3,579
McCoy WSC*	7,741	8,082	8,470	8,913	9,417	9,989
Pleasanton	12,414	13,521	14,726	16,038	17,467	19,025
Poteet	2,734	2,447	2,244	2,297	2,351	2,403
San Antonio Water System*	6,129	6,662	7,067	7,635	8,152	8,732
Population with Revisions (1.0)	53,324	57,374	61,473	64,960	68,952	73,522

TWDB Draft County-Other, Atascosa	2,826	3,207	3,558	3,144	2,866	2,634
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Pleasanton

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	10,473	11,498	12,623	13,858	15,214	16,703
Demand (ac-ft/yr)	2,244	2,457	2,697	2,961	3,251	3,569
GPCD	191	191	191	191	191	191
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	12,414	13,521	14,726	16,038	17,467	19,025
Demand (ac-ft/yr)	2,660	2,889	3,147	3,427	3,732	4,065
GPCD	191	191	191	191	191	191

- Pleasanton is requesting a population change in the 2030 decade, indicating that the current population is greater than the TWDB 2030 projection.
 - Population for subsequent decades was calculated using the same growth rate as projected by the TWDB
- Originally, TWDB projected an 8.9% draft population growth rate per decade. Pleasanton requested 15.8% per decade, but the requested population totals would not fit within Atascosa County population totals, so only the 2030 request is being met at this time.
- Provided 2022 Water Use Survey as supporting documentation.

Bexar County

Recommend utilizing the 1.0 migration scenario

BEXAR COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	2,302,829	2,599,727	2,865,834	3,102,720	3,373,931	3,684,440
0.5 migration scenario	2,211,656	2,387,174	2,524,414	2,630,194	2,742,102	2,860,493

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG

- Air Force Village II Inc
 - Alamo Heights
- Atascosa Rural WSC
- ✓ Bexar County WCID 10
- ✓ Converse
- County-Other, Bexar
 - East Central SUD*
 - Elmendorf
 - Fair Oaks Ranch*
- Fort Sam Houston
- ✓ Green Valley SUD*
- Kirby
- ✓ La Coste*

- Lackland Air Force Base
 - Leon Valley
 - Live Oak (NR)
- Lytle*
- Oak Hills WSC*
- Randolph Air Force Base
 - San Antonio Water System*
- ✓ Schertz*
- Selma*
- Shavano Park (NR)
- ✓ The Oaks WSC
- ✓ Universal City*
- Water Services*

* WUG split between other counties

Bexar County Requested Population Changes (1 of 2)

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	2,302,829	2,599,727	2,865,834	3,102,720	3,373,931	3,684,440
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Air Force Village II Inc	536	536	536	536	536	536
Alamo Heights	7,806	7,806	7,806	7,806	7,806	7,806
Atascosa Rural WSC	13,378	15,582	17,558	19,278	21,252	23,517
Bexar County WCID 10	6,201	7,001	7,717	8,355	9,086	9,922
Converse	28,362	28,398	28,398	28,398	28,398	28,398
County-Other, Bexar	2,993	5,663	8,885	11,563	14,255	16,879
East Central SUD*	45,458	51,420	56,763	61,513	66,950	73,173
Elmendorf	4,013	5,382	7,210	9,683	12,059	16,657
Fair Oaks Ranch*	5,506	6,117	6,422	6,544	6,575	6,575
Fort Sam Houston	8,270	8,270	8,270	8,270	8,270	8,270
Green Valley SUD*	1,776	2,164	2,511	2,808	3,149	3,541
Kirby	8,962	10,140	10,365	10,365	10,365	10,365
La Coste*	17	19	21	22	24	27
Population with Revisions (1.0)	2,555,992	2,953,478	3,226,692	3,476,646	3,708,149	3,958,031

Bexar County Requested Population Changes (2 of 2)

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	2,302,829	2,599,727	2,865,834	3,102,720	3,373,931	3,684,440
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Lackland Air Force Base	14,048	14,048	14,048	14,048	14,048	14,048
Leon Valley	15,085	18,291	18,291	18,291	18,291	18,291
Live Oak (NR)	9,829	9,829	9,829	9,829	9,829	9,829
Lytle*	253	285	314	340	368	402
Oak Hills WSC*	40	55	76	105	145	200
Randolph Air Force Base	1,280	1,280	1,280	1,280	1,280	1,280
San Antonio Water System*	2,335,011	2,705,024	2,956,736	3,187,948	3,398,888	3,623,785
Schertz*	9,641	13,665	17,272	20,265	23,714	27,687
Selma*	10,477	13,541	16,288	18,599	21,258	24,318
Shavano Park (NR)	1,804	2,041	2,252	2,441	2,656	2,903
The Oaks WSC	1,277	1,445	1,595	1,729	1,881	2,057
Universal City*	20,327	21,357	21,702	21,702	21,702	21,702
Water Services*	3,642	4,119	4,547	4,928	5,364	5,863
Population with Revisions (1.0)	2,555,992	2,953,478	3,226,692	3,476,646	3,708,149	3,958,031

Alamo Heights

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	7,806	8,334	8,400	8,400	8,400	8,400
Demand (ac-ft/yr)	2,099	2,236	2,254	2,254	2,254	2,254
GPCD	240.1	239.5	239.5	239.5	239.5	239.5
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	7,806	7,806	7,806	7,806	7,806	7,806
Demand (ac-ft/yr)	2,099	2,094	2,094	2,094	2,094	2,094
GPCD	240.1	239.5	239.5	239.5	239.5	239.5

- Alamo Heights indicated that they are currently built out. Email stating so and landlocked status.

East Central SUD*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	14,624	16,542	18,261	19,789	21,538	23,540
Demand (ac-ft/yr)	2,005	2,258	2,492	2,701	2,939	3,213
GPCD	122.4	121.8	121.8	121.8	121.8	121.8
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	45,458	51,420	56,763	61,513	66,950	73,173
Demand (ac-ft/yr)	6,233	7,018	7,747	8,395	9,137	9,987
GPCD	122.4	121.8	121.8	121.8	121.8	121.8

- East Central SUD is split between Bexar County, Guadalupe County, and Wilson County. Changes are only requested for Bexar County.
- Requesting an increase to population in Bexar County, based on 2023 population of 23,274. From 2016-2019, growth rate was 4% per year. From 2020-2022, growth rate was 12% per year. District expects growth to continue for 5-10 years due to application for a sewer CCN and developer service agreements for 14,332 additional connections.
- Growth pattern after 2030 uses TWDB projected growth rates.

Elmendorf

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	3,097	3,308	3,496	3,678	3,885	4,121
Demand (ac-ft/yr)	436	463	490	515	544	577
GPCD	125.6	125	125	125	125	125
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	4,013	5,382	7,210	9,683	12,059	16,657
Demand (ac-ft/yr)	565	754	1,010	1,356	1,689	2,332
GPCD	125.6	125	125	125	125	125

- A revision to the 2030 population is requested based on their current number of residential customers. As of 6/12/2023, Elmendorf has 1,369 residential connections, which equates to approximately 3,800 people.
- Elmendorf requested a change to their population citing historical growth and projected population from their engineering feasibility report, which was provided as supporting documentation along with platting maps for residential developments.
- Full build out is anticipated by 2100 based upon the 2.98% annual growth rate.

Fair Oaks Ranch*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	5,921	6,794	7,576	8,264	9,053	9,956
Demand (ac-ft/yr)	1,543	1,767	1,971	2,150	2,355	2,590
GPCD	232.6	232.2	232.2	232.2	232.2	232.2
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	5,506	6,117	6,422	6,544	6,575	6,575
Demand (ac-ft/yr)	1,435	1,591	1,670	1,702	1,710	1,710
GPCD	232.6	232.2	232.2	232.2	232.2	232.2

- Fair Oaks Ranch is split between Bexar County, Comal County, and Kendall County
- Requested a decrease to population in Bexar County, based on number of remaining water connections to buildout and using 2.65 persons per connection. Fair Oaks Ranch is landlocked.
- Request is a decrease to population, resulting in a decrease to the municipal demand through all decades. No change to GPCD.

Leon Valley

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	15,085	18,291	22,178	26,891	32,606	39,536
Demand (ac-ft/yr)	2,506	3,026	3,669	4,449	5,395	6,541
GPCD	148	148	148	148	148	148
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	15,085	18,291	18,291	18,291	18,291	18,291
Demand (ac-ft/yr)	1,860	2,255	2,255	2,255	2,255	2,255
GPCD	110	110	110	110	110	110

- Leon Valley Requested a revision to their projected population
 - Leon Valley is land limited with about 60 acres of developable vacant land left.
 - The City is 3.5 square miles and is mostly developed.
 - Full build out is estimated to be about 18,000 persons and a water demand of about 2,000 acre-feet.
- Leon Valley requested a revision to their gpcd to reflect their current gpcd of 110.

San Antonio Water System*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	2,113,183	2,387,020	2,632,459	2,850,837	3,100,869	3,387,143
Demand (ac-ft/yr)	270,769	304,279	335,566	363,403	395,275	431,767
GPCD	114.4	113.8	113.8	113.8	113.8	113.8
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	2,335,011	2,705,024	2,956,736	3,187,948	3,398,888	3,623,785
Demand (ac-ft/yr)	266,834	294,850	312,906	327,260	338,130	354,771
GPCD	102	97.3	94.5	91.6	88.8	87.4

- San Antonio Water System is split between Atascosa County, Bexar County, Comal County, and Medina County. Changes are only requested for Bexar County and Medina County.
- Numbers based on Draft 2023 Water Management Plan – extrapolated for 2080, since SAWS numbers only go through 2075 (GPCD was kept the same as 2075)
- Request is a significant increase to population and a reduction in GPCD that results in a decrease to the municipal demand.
- Met with TWDB staff to show them the historical and projected growth rates

Caldwell County

Recommend utilizing the 1.0 migration scenario

CALDWELL COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	53,749	61,689	69,133	76,291	84,486	93,868
0.5 migration scenario	50,343	54,283	57,303	59,889	62,625	65,520

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG

- ✓ Aqua WSC*
- County Line SUD*
 - County-Other, Caldwell
 - Creedmoor-Maha WSC*
 - Goforth SUD*
- ✓ Gonzales County WSC*
- Lockhart
 - Luling*
- Martindale WSC*
- Maxwell SUD*
 - Polonia WSC
- San Marcos*
- ✓ Tri Community WSC*

* WUG split between other counties

Caldwell County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	53,749	61,689	69,133	76,291	84,486	93,868
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Aqua WSC	1,143	1,319	1,485	1,643	1,825	2,032
County Line SUD*	2,627	3,923	4,830	4,840	4,521	4,143
County-Other, Caldwell	8,135	10,036	10,993	11,010	10,985	10,908
Creedmoor-Maha WSC*	2,469	2,958	3,416	3,846	4,340	4,908
Goforth SUD*	769	920	1,061	1,193	1,346	1,522
Gonzales County WSC*	144	143	141	143	145	145
Lockhart	21,276	23,217	25,158	27,099	29,040	30,977
Luling*	5,602	5,747	5,888	6,085	6,296	6,525
Martindale WSC*	3,897	5,125	5,540	6,001	6,512	7,076
Maxwell SUD*	9,631	11,048	12,632	14,277	16,714	16,494
Polonia WSC	8,545	10,119	11,982	14,188	16,801	19,895
San Marcos*	TBD	TBD	TBD	TBD	TBD	TBD
Tri Community WSC*	1,368	1,416	1,463	1,521	1,585	1,655
Population with Revisions (1.0)	65,606	75,971	84,589	91,846	100,110	106,280

County Line SUD*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	1,347	1,555	1,750	1,937	2,151	2,396
Demand (ac-ft/yr)	91	105	118	130	145	161
GPCD	60	60	60	60	60	60
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	2,627	3,923	4,830	4,840	4,521	4,143
Demand (ac-ft/yr)	235	352	433	434	405	371
GPCD	80	80	80	80	80	80

- County Line SUD is split between Caldwell County and Hays County. Majority is in Hays County.
- Increase in population projection is based on planned development.
 - 1,730 reserve LUEs for developments that have paid impact fees and are mostly in construction.
 - Have received additional service requests received totaling over 20,000 LUEs (not including current active and reserve connections).
- The revision request for the GPCD is based on the historical average of 80 GPCD.

Lockhart

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	16,563	18,772	21,276	24,114	27,331	30,977
Demand (ac-ft/yr)	2,310	2,607	2,955	3,349	3,796	4,303
GPCD	124.5	124.0	124.0	124.0	124.0	124.0
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	21,276	23,217	25,158	27,099	29,040	30,977
Demand (ac-ft/yr)	2,967	3,225	3,494	3,764	4,034	4,303
GPCD	124.5	124.0	124.0	124.0	124.0	124.0

- Lockhart requested increased population growth up to 2030 (4.25% per year), based on a provided FNI road impact fee study.
- Kept 2080 population the same and adjusted population backwards for the in between decades
- No changes to GPCD; increase to municipal demands for 2030-2070 based on increased population

Martindale WSC*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	2,458	2,838	3,193	3,534	3,925	4,371
Demand (ac-ft/yr)	252	290	326	361	401	446
GPCD	91.62	91.19	91.19	91.19	91.19	91.19
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	3,897	5,125	5,540	6,001	6,512	7,076
Demand (ac-ft/yr)	400	524	566	613	666	723
GPCD	91.62	91.19	91.19	91.19	91.19	91.19

- Martindale WSC is split between Caldwell County and Guadalupe County.
- Currently has 1,069 connections which serve a total population of 3,176 - which is above the draft 2030 projections.
- There are also several service connections inquiries that may go to contract.
 - Martindale recently approved a 25 LUE and 135 LUE development, approximately 500 people total
 - Two large 1,000 LUE development inquires
- Excerpt from Impact Fee report, which is currently underway, provided as supporting documentation. ²²

Maxwell SUD*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	4,289	4,949	5,568	6,160	6,839	7,617
Demand (ac-ft/yr)	421	484	545	603	669	745
GPCD	87.7	87.4	87.4	87.4	87.4	87.4
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	9,631	11,048	12,632	14,277	16,714	16,494
Demand (ac-ft/yr)	1,069	1,226	1,402	1,584	1,855	1,830
GPCD	99	99	99	99	99	99

- Maxwell SUD is split between Caldwell County and Hays County.
- Maxwell has contracted subdivisions to add an additional 7,700 connections to come on board as fast as the economy will let them.
 - There are another 10,000+ LUE in water service requests, but contracts have not been signed to date
- Impact Fee report provided as supporting documentation

San Marcos*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	917	917	917	917	917	917
Demand (ac-ft/yr)	137	136	136	136	136	136
GPCD	133.3	132.9	132.9	132.9	132.9	132.9
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	TBD	TBD	TBD	TBD	TBD	TBD
Demand (ac-ft/yr)	TBD	TBD	TBD	TBD	TBD	TBD
GPCD	109.5	107	104.5	103.2	102	102

- San Marcos is split between Caldwell County and Hays County. May expand into Comal/Guadalupe.
- San Marcos has requested changes to population and GPCD based on recently faster historical growth and the large percentage of connections that are multi-family. Later decades show slowing of growth with revisions smaller than draft population projections.
- Currently unclear how much of growth should be shown in Caldwell County, so applying all to Hays County for now.
- Need to meet with TWDB staff to discuss.

Calhoun County

Recommend utilizing the 0.5 migration scenario

CALHOUN COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	18,515	16,791	14,926	13,162	11,142	8,829
0.5 migration scenario	19,449	18,619	17,599	16,571	15,483	14,332

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG
- County-Other, Calhoun
 - Guadalupe-Blanco River Authority
 - ✓ Point Comfort
 - Port Lavaca
- Port Oconnor Improvement District
- Seadrift

* WUG split between other counties

Calhoun County Requested Population Changes

Updated since May 19 PWD Mtg

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (0.5)	19,449	18,619	17,599	16,571	15,483	14,332
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
County-Other, Calhoun	1,934	2,005	2,044	2,060	2,106	2,187
Guadalupe-Blanco River Authority* (1.0)	3,669	3,326	2,956	2,605	2,202	1,743
Point Comfort	556	531	501	472	439	406
Port Lavaca	11,546	11,088	10,524	9,954	9,358	8,725
Port Oconnor Improvement District	839	804	758	713	664	612
Seadrift	905	865	816	767	714	659
Population with Revisions (0.5)	19,449	18,619	17,599	16,571	15,483	14,332

Guadalupe-Blanco River Authority*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	3,669	3,326	2,956	2,605	2,202	1,743
Demand (ac-ft/yr)	282	254	226	199	168	133
GPCD	68.7	68.2	68.2	68.2	68.2	68.2
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	3,669	3,326	2,956	2,605	2,202	1,743
Demand (ac-ft/yr)	582	526	468	412	348	276
GPCD	141.7	141.2	141.2	141.2	141.2	141.2

- GBRA is split between Calhoun County, Comal County, and Kendall County
- No requested change to population in Calhoun County. Change to GPCD based on actual water use averaged over developments in all three counties served. Spreadsheet provided by GBRA.
- Request is no change to population, but an increase in GPCD that results in an increased municipal demand through all decades.
- Plan to keep population as-is, even though County switching to 0.5 migration.

Port Lavaca

TWDB 1.0 PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	10,367	9,408	8,369	7,385	6,262	4,971
Demand (ac-ft/yr)	1,409	1,273	1,132	999	847	672
GPCD	121.4	120.7	120.7	120.7	120.7	120.7
TWDB 0.5 PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	10,890	10,432	9,868	9,298	8,702	8,069
Demand (ac-ft/yr)	1,480	1,411	1,335	1,258	1,177	1,092
GPCD	121.4	120.7	120.7	120.7	120.7	120.7
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	11,546	11,088	10,524	9,954	9,358	8,725
Demand (ac-ft/yr)	1,569	1,500	1,424	1,347	1,266	1,180
GPCD	121.4	120.7	120.7	120.7	120.7	120.7

- Port Lavaca is preparing for growth and requested the 0.5 migration scenario – “We are currently working with several corporate entities in final stages of the site selection process that are negotiating expansions or relocations in and around the City of Port Lavaca.” Two projects in particular are anticipated to add 656 new residents to Calhoun County.

Comal County

Recommend utilizing the 1.0 migration scenario

COMAL COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	226,709	315,640	434,242	584,380	756,273	953,073
0.5 migration scenario	190,748	222,521	256,086	290,856	327,640	366,555

- No response from WUG
 - ✓ WUG indicated draft projections appear reasonable
 - WUG requested revision
 - After further consideration, no revisions requested by WUG
- Canyon Lake Water Service (Texas Water Co.)*
 - Clear Water Estates Water System
 - County-Other, Comal
 - Crystal Clear SUD*
 - Fair Oaks Ranch*
 - Garden Ridge
 - ✓ Green Valley SUD*
 - Guadalupe-Blanco River Authority*
 - KT Water Development
- New Braunfels*
 - ✓ San Antonio Water System*
 - ✓ Schertz*
 - Selma*
 - Water Services*
 - Wingert Water Systems

* WUG split between other counties

Comal County Requested Population Changes

Updated since May 19 PWD Mtg

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	226,709	315,640	434,242	584,380	756,273	953,073
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
3009 Water	1,465	1,877	2,425	3,119	3,915	4,827
Canyon Lake Water Service (TWC)*	96,790	131,708	153,866	168,240	219,030	278,197
Clear Water Estates Water System	898	1,253	1,725	2,325	3,010	3,795
County-Other, Comal	32,072	37,161	44,021	53,158	63,739	76,091
Crystal Clear SUD*	3,794	6,004	8,953	12,681	16,948	21,834
Fair Oaks Ranch*	1,893	2,259	2,442	2,515	2,533	2,533
Garden Ridge	5,786	7,152	8,522	10,100	11,972	14,191
Green Valley SUD*	1,315	1,956	2,811	3,893	5,131	6,549
Guadalupe-Blanco River Authority*	3,500	3,500	3,500	3,500	3,500	3,500
KT Water Development	2,652	4,105	6,045	8,498	11,306	14,521
New Braunfels*	103,841	147,327	205,331	278,735	362,773	458,988
San Antonio Water System*	2,394	2,651	2,898	3,124	3,332	3,332
Schertz*	1,371	1,912	2,634	3,549	4,595	5,793
Selma*	633	1,098	1,718	2,502	3,399	4,426
Water Services*	1,620	1,609	1,592	1,576	1,558	1,538
Wingert Water Systems	1,638	1,847	2,126	2,178	2,178	2,178
Population with Revisions (1.0)	261,662	353,419	450,609	559,693	718,919	902,293

Canyon Lake Water Service*

(Texas Water Co.)

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	59,783	86,530	122,210	167,351	219,030	278,197
Demand (ac-ft/yr)	7,297	10,523	14,862	20,352	26,637	33,833
GPCD	109	108.6	108.6	108.6	108.6	108.6
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	96,790	131,708	153,866	168,240	219,030	278,197
Demand (ac-ft/yr)	11,818	16,022	18,717	20,466	26,637	33,833
GPCD	109	108.6	108.6	108.6	108.6	108.6

- CLWS (TWC) is requesting revisions to their population projections based on their Growth and Demand Projections Report by FNI.
- Revisions shown are based on the Lower Growth projections for 2030-2060 (without CCN expansion).
- The TWDB draft projections for 2070 and 2080 fall within the report's Lower and Higher Growth bounds, so we propose to keep them as-is.
- May need to request slightly higher county population numbers, based on historical growth, for 2030 and 2040 – County-Other won't cover the increases.

Crystal Clear SUD*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
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Population

Demand (ac-ft/yr)

GPCD

REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
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Population

Demand (ac-ft/yr)

GPCD

- Crystal Clear SUD is split between Comal County, Guadalupe County, and Hays County.
- Requested total projected population numbers, but no county breakdown and no supporting documentation.

Fair Oaks Ranch*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	2,590	4,301	6,585	9,470	12,773	16,554
Demand (ac-ft/yr)	675	1,119	1,713	2,463	3,323	4,306
GPCD	232.6	232.2	232.2	232.2	232.2	232.2
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	1,893	2,259	2,442	2,515	2,533	2,533
Demand (ac-ft/yr)	493	588	635	654	659	659
GPCD	232.6	232.2	232.2	232.2	232.2	232.2

- Fair Oaks Ranch is split between Bexar County, Comal County, and Kendall County
- Requested a decrease to population in Comal County, based on number of remaining water connections to buildout and using 2.65 persons per connection. Fair Oaks Ranch is landlocked.
- Request is a decrease to population, resulting in a decrease to the municipal demand through all decades. No change to GPCD.

Garden Ridge

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	5,786	8,068	11,111	14,963	19,374	24,423
Demand (ac-ft/yr)	2,013	2,803	3,860	5,199	6,731	8,486
GPCD	310.6	310.2	310.2	310.2	310.2	310.2
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	5,786	7,152	8,522	10,100	11,972	14,191
Demand (ac-ft/yr)	2,013	2,485	2,961	3,509	4,160	4,931
GPCD	310.6	310.2	310.2	310.2	310.2	310.2

- Garden Ridge responded its current permanent population is 5,085 with 1,698 connections, and per its Water Master Plan, is growing at 1.7% annually through 2040.
- Awaiting full 2023 addendum to Water Master Plan.
- **Estimated changes based on 1.7% growth projected to 2080.*

Guadalupe-Blanco River Authority*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	4,857	7,941	12,057	17,258	23,212	30,027
Demand (ac-ft/yr)	374	607	922	1,319	1,774	2,295
GPCD	68.7	68.2	68.2	68.2	68.2	68.2
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	3,500	3,500	3,500	3,500	3,500	3,500
Demand (ac-ft/yr)	555	554	554	554	554	554
GPCD	141.7	141.2	141.2	141.2	141.2	141.2

- GBRA is split between Calhoun County, Comal County, and Kendall County
- Requested change to population based on expected buildout for developments in Comal County. Change to GPCD based on actual water use averaged over developments in all three counties served. Spreadsheet provided by GBRA.
- Request is decrease to population that is more significant each decade, and an increase in GPCD that results in an initial increase to municipal demand that levels out to become less than the draft projected demand in 2040-2080.

De Witt County

Recommend utilizing the 0.5 migration scenario

DE WITT COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	19,717	19,552	19,234	18,759	18,215	17,592
0.5 migration scenario	19,716	19,687	19,565	19,482	19,394	19,301

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG
- County-Other, De Witt
 - Cuero
 - ✓ Gonzales County WSC*
 - ✓ Yoakum*
- Yorktown

UPDATED

* WUG split between other counties

De Witt County Requested Population Changes

Updated since May 19 PWD Mtg

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (0.5)	19,716	19,687	19,565	19,482	19,394	19,301
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
County-Other, De Witt	7,225	7,227	7,202	7,213	7,227	7,246
Cuero	8,446	8,436	8,386	8,356	8,324	8,292
Gonzales County WSC* (1.0)	200	198	195	189	185	177
Yoakum (1.0)	2,019	2,002	1,970	1,921	1,865	1,802
Yorktown	1,826	1,824	1,812	1,803	1,793	1,784
Population with Revisions (0.5)	19,716	19,687	19,565	19,482	19,394	19,301

Gonzales County

Recommend utilizing the 0.5 migration scenario

GONZALES COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	19,204	18,674	17,796	16,865	15,799	14,579
0.5 migration scenario	19,716	19,697	19,399	19,064	18,710	18,335

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG

- County-Other, Gonzales
- Fayette WSC
- ✓ Gonzales
- Gonzales County WSC*
- Luling*
- Nixon
- ✓ Smiley
- Waelder

* WUG split between other counties

Gonzales County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (0.5)	19,716	19,697	19,399	19,064	18,710	18,335
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
County-Other, Gonzales	1,153	1,138	1,108	1,067	1,018	962
Fayette WSC	40	52	66	86	113	150
Gonzales	7,512	7,509	7,399	7,279	7,152	7,015
Gonzales County WSC	7,218	7,208	7,096	6,970	6,836	6,693
Luling	54	54	53	53	51	50
Nixon	2,249	2,247	2,211	2,171	2,129	2,084
Smiley	474	474	467	458	449	439
Waelder	1,016	1,015	999	980	962	942
Population with Revisions (0.5)	19,716	19,697	19,399	19,064	18,710	18,335

Revisions fit within County Total by moving population from County-Other

TWDB County-Other draft numbers below for reference

County-Other, Gonzales	2,428	2,411	2,361	2,298	2,225	2,144
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Gonzales County WSC*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	5,943	5,935	5,843	5,739	5,629	5,511
Demand (ac-ft/yr)	1,594	1,587	1,563	1,535	1,506	1,474
GPCD	239.4	238.8	238.8	238.8	238.8	238.8
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	7,218	7,208	7,096	6,970	6,836	6,693
Demand (ac-ft/yr)	1,936	1,928	1,898	1,864	1,829	1,790
GPCD	239.4	238.8	238.8	238.8	238.8	238.8

- Gonzales County WSC is split among several counties, but only requesting changes to Gonzales County.
- TWDB historical 2020 population for all Gonzales County WSC is 6,366. (TWDB draft 2030 projection for all of Gonzales County WSC is 6,391)
- New homeowners (217 connections) since October 2020 gives additional population of 560, as of May 2023.
- Unserved applicants and potential customers (74 plus 202 lots in subdivisions) = 715 more people by 2030.
- Total population of 7,218 by 2030. Projected out to 2080 using TWDB draft projection rates.

Guadalupe County

Recommend utilizing the 1.0 migration scenario

GUADALUPE COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	216,582	268,305	326,154	387,211	457,115	537,148
0.5 migration scenario	195,808	219,232	241,021	259,920	279,914	301,066

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG

- Cibolo
 - County-Other, Guadalupe
- Crystal Clear SUD*
- ✓ East Central SUD*
- ✓ Gonzales County WSC*
- ✓ Green Valley SUD*
- Marion
- Martindale WSC*

- New Braunfels*
- ✓ Schertz*
- Seguin
- Selma*
- Springs Hill WSC*
- ✓ Tri Community WSC*
- ✓ Universal City*
- Water Services*

* WUG split between other counties

Guadalupe County Requested Population Changes

Updated since May 19 PWD Mtg

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	216,582	268,305	326,154	387,211	457,115	537,148
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Cibolo	25,890	31,422	37,606	44,137	51,615	60,179
County-Other, Guadalupe	1,918	3,282	4,799	6,396	8,224	10,310
Crystal Clear SUD*	11,570	12,276	13,059	13,894	14,856	15,961
East Central SUD*	1,417	1,719	2,057	2,414	2,822	3,291
Gonzales County WSC*	125	160	200	241	288	343
Green Valley SUD*	43,357	57,981	74,353	91,615	111,365	133,969
Marion	1,471	1,546	1,631	1,721	1,825	1,945
Martindale WSC*	557	861	1,072	1,303	1,556	1,836
New Braunfels*	36,517	52,564	70,539	89,478	111,139	135,926
Schertz*	40,008	46,563	53,883	61,623	70,494	80,655
Seguin	50,517	59,570	63,909	66,466	69,091	71,790
Selma*	5,251	5,251	5,251	5,251	5,251	5,251
Springs Hill WSC*	29,372	35,228	41,788	48,736	56,695	65,808
Tri Community WSC*	28	31	34	37	40	44
Universal City*	198	252	312	376	449	532
Water Services*	201	179	160	143	129	115
Population with Revisions (1.0)	248,397	308,885	370,653	433,831	505,839	587,955

Cibolo

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	21,098	25,606	30,645	35,967	42,061	49,040
Demand (ac-ft/yr)	2,096	2,527	3,024	3,549	4,151	4,839
GPCD	88.7	88.1	88.1	88.1	88.1	88.1
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	25,890	31,422	37,606	44,137	51,615	60,179
Demand (ac-ft/yr)	2,572	3,101	3,711	4,356	5,094	5,939
GPCD	88.7	88.1	88.1	88.1	88.1	88.1

- “The City of Cibolo continues to grow at an accelerated rate, as it has over the past 20 years. As of today (5/2/23) we have 6,150 residential water meters in service. The average family size in Cibolo is 3.65 persons per household (based on SCUCISD demographer data). This would give us a calculated population of 22,488 being served by City of Cibolo water.”
 - Using Census household size of 3.33 instead of using family size to calculate revised population numbers
- “With the total residential lots available for development in our service area over the next 7 years, we would expect our total residential meter count to rise by 1,625, which would add an estimated 5,940 residents to our current population – meaning we would be at 29,000 residents served by Cibolo water by 2030.”
 - Using current residential meters and anticipated meters x 3.33 to get 2030 population.
 - Using TWDB growth rate after 2030. Support not provided for higher population (50,000 by 2030)

Crystal Clear SUD*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population						
Demand (ac-ft/yr)						
GPCD						
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population						
Demand (ac-ft/yr)						
GPCD						

- Crystal Clear SUD is split between Comal County and Guadalupe County
- They have told us they have concerns, but still have not submitted a request.

Martindale WSC*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	351	477	618	767	938	1,134
Demand (ac-ft/yr)	36	49	63	78	96	116
GPCD	91.62	91.19	91.19	91.19	91.19	91.19
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	557	861	1,072	1,303	1,556	1,836
Demand (ac-ft/yr)	57	88	110	133	159	188
GPCD	91.62	91.19	91.19	91.19	91.19	91.19

- Martindale WSC is split between Caldwell and Guadalupe County.
- Currently has 1,069 connections which serve a total population of 3,176 - which is above the draft 2030 projections.
- There are also several service connections inquiries that may go to contract.
 - Martindale recently approved a 25 LUE and 135 LUE development, approximately 500 people total
 - 2 large 1,000 LUE development inquires
- Excerpt from Impact Fee report, which is currently underway, provided as supporting documentation. ⁴⁵

Seguin

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	24,314	25,867	27,588	29,424	31,537	33,965
Demand (ac-ft/yr)	3,660	3,877	4,135	4,411	4,727	5,091
GPCD	134.4	133.8	133.8	133.8	133.8	133.8
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	50,517	59,570	63,909	66,466	69,091	71,790
Demand (ac-ft/yr)	7,605	8,928	9,578	9,962	10,355	10,760
GPCD	134.4	133.8	133.8	133.8	133.8	133.8

- “Seguin is experiencing rapid growth due to a combination of factors to include, the acquisition of a significant portion of CCN from Springs Hill WSC and planned developments within the existing and future CCN.” Their CCN will approximately double in size.
- “These projections are based on an average annual growth rate of 12.38% for single-family connections through 2026 as the new service area is acquired. After 2026, the annual growth rate is reduced to 7.11% and gradually declines to 0.93% in 2040. By 2050, the annual growth rate is projected to decline further to 0.27% where it remains steady for the remainder of the projection period.”
- Provided details on planned single and multi-family developments with numbers of units by year.

Springs Hill WSC*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	28,758	34,551	41,025	47,864	55,697	64,667
Demand (ac-ft/yr)	2,404	2,870	3,407	3,976	4,626	5,371
GPCD	74.6	74.2	74.2	74.2	74.2	74.2
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	29,372	35,228	41,788	48,736	56,695	65,808
Demand (ac-ft/yr)	3,206	3,832	4,551	5,309	6,178	7,173
GPCD	96.6	96.2	96.2	96.2	96.2	96.2

- Requesting updated baseline 2020 population of 27,054, based on Water Use Survey
- 2010-2020 average annual growth rate of 3.7% through 2030. Using TWDB growth rate 2040-2080.
- Transferring 2,209 connections to Seguin by early 2026. Using 3.5 persons per connection
- Requesting baseline GPCD be increased from 79 to 101, which is from 2018 (lowest rainfall 2015-2019).

Hays County

Recommend utilizing the 1.0 migration scenario

HAYS COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	260,714	376,095	528,035	734,262	970,372	1,240,694
0.5 migration scenario	221,648	271,336	322,357	379,538	440,032	504,031

- No response from WUG
 - ✓ WUG indicated draft projections appear reasonable
 - WUG requested revision
 - After further consideration, no revisions requested by WUG
- County Line SUD*
 - County-Other, Hays
 - Creedmoor-Maha WSC*
 - Crystal Clear SUD*
 - Goforth SUD*
 - Kyle
 - Maxwell SUD*
 - San Marcos*
 - South Buda WCID 1
 - Texas State University
 - Wimberley WSC

* WUG split between other counties

Hays County Requested Population Changes

Updated since May 19 PWD Mtg

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	260,714	376,095	528,035	734,262	970,372	1,240,694
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
County Line SUD*	34,873	71,077	115,170	150,160	170,479	181,857
County-Other, Hays	36,565	46,580	64,081	119,048	181,982	254,026
Creedmoor-Maha WSC*	54	54	54	54	54	54
Crystal Clear SUD*	1,978	1,846	1,721	1,611	1,511	1,418
Goforth SUD*	41,415	65,951	98,260	142,035	192,136	249,490
Kyle	61,050	91,138	124,117	139,145	144,092	147,735
Maxwell SUD*	10,915	16,564	24,478	35,595	50,312	57,543
San Marcos*	141,830	199,786	246,158	280,361	302,406	316,607
South Buda WCID 1	4,066	6,633	10,014	14,592	19,832	25,829
Texas State University	9,400	10,600	11,000	11,300	11,600	11,750
Wimberley WSC	5,272	7,640	10,758	14,989	19,834	25,379
Population with Revisions (1.0)	347,418	517,869	705,811	908,890	1,094,238	1,271,688

County Line SUD*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	17,878	28,172	41,724	60,091	81,112	105,177
Demand (ac-ft/yr)	1,202	1,893	2,804	4,039	5,451	7,069
GPCD	60	60	60	60	60	60
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	34,873	71,077	115,170	150,160	170,479	181,857
Demand (ac-ft/yr)	3,125	6,369	10,321	13,456	15,277	16,296
GPCD	80	80	80	80	80	80

- County Line SUD is split between Caldwell and Hays County. Majority is in Hays County.
- Increase in population projection is based on planned development.
 - 1,730 reserve LUEs for developments that have paid impact fees and are mostly in construction.
 - Have received additional service requests received totaling over 20,000 LUEs (not including current active and reserve connections)
- The revision request for the GPCD is based on the historical average of 80 GPCD.

Kyle

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	48,321	69,054	92,000	92,000	92,000	92,000
Demand (ac-ft/yr)	4,693	6,666	8,881	8,881	8,881	8,881
GPCD	87	86.2	86.2	86.2	86.2	86.2
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	61,050	91,138	124,117	139,145	144,092	147,735
Demand (ac-ft/yr)	5,929	8,798	11,982	13,432	13,910	14,261
GPCD	87	86.2	86.2	86.2	86.2	86.2

- Requesting an increase to population based on a 2022 population of 41,892. This was determined using connections x 3 (which is reasonable for Kyle household size).
- Provided spreadsheet showing expected annual growth of 4.82% through 2035 (slightly higher than TWDB growth rate of 4.4%). Then projected annual rate drops to 3% through 2040, 2.5% through 2045, 2% through 2050, and continues dropping every five years or so (0.25% by 2070).
- Buildout is anticipated at 200,000 people.

Maxwell SUD*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	4,861	7,420	10,790	15,358	20,587	26,574
Demand (ac-ft/yr)	478	726	1,056	1,503	2,015	2,600
GPCD	87.7	87.4	87.4	87.4	87.4	87.4
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	10,915	16,564	24,478	35,595	50,312	57,543
Demand (ac-ft/yr)	1,211	1,838	2,716	3,950	5,583	6,386
GPCD	99	99	99	99	99	99

- Maxwell SUD is split between Caldwell and Hays County
- Maxwell has contracted subdivisions to add an additional 7,700 connections to come on board as fast as the economy will let them.
 - There are another 10,000+ LUE in water service requests, but contracts have not been signed to date
- Impact Fee report provided as supporting documentation

San Marcos*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	94,984	137,425	193,313	269,164	356,004	455,427
Demand (ac-ft/yr)	14,187	20,455	28,774	40,064	52,989	67,788
GPCD	133.3	132.9	132.9	132.9	132.9	132.9
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	141,830*	199,786*	246,158*	280,361*	302,406*	316,607*
Demand (ac-ft/yr)	17,396*	23,943*	28,812*	32,422*	34,548*	36,171*
GPCD	109.5	107	104.5	103.2	102	102

- San Marcos is split between Caldwell County and Hays County. May expand into Comal/Guadalupe.
- San Marcos has requested changes to population and GPCD based on recently faster historical growth and the large percentage of connections that are multi-family. Later decades show slowing of growth with revisions smaller than draft population projections.
- (*)Currently unclear how much of growth should be shown in Caldwell County, so applying all to Hays County for now.
- Need to meet with TWDB staff to discuss. Early decadal growth can't be met within County total.

Texas State University

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	5,320	5,320	5,320	5,320	5,320	5,320
Demand (ac-ft/yr)	997	994	994	994	994	994
GPCD	167.3	166.8	166.8	166.8	166.8	166.8
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	9,413	10,600	11,000	11,300	11,600	11,750
Demand (ac-ft/yr)	1,685	1,852	1,898	1,924	1,949	1,961
GPCD	160	156	154	152	150	149

- 2030 population based on current number of occupied beds on campus within Texas State’s PWS, plans for a 1,006 bed residence to open in August 2024, and RFQ for 931-bed residence to open in August 2025.
- Future growth – Texas State University plans on growing its San Marcos campus to 50,000 students in 10 years with a slower growth after that.

Kendall County

Recommend utilizing the 1.0 migration scenario

KENDALL COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	56,306	70,896	89,665	111,448	136,387	164,940
0.5 migration scenario	49,191	54,496	60,143	65,422	71,007	76,916

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG

- Boerne
 - Canyon Lake Water Service* (Not in draft projections in Kendall Co.)
 - County-Other, Kendall
 - Fair Oaks Ranch*
 - Guadalupe-Blanco River Authority*
 - Kendall County WCID 1
 - Kendall West Utility
 - Water Services*

* WUG split between other counties

Kendall County Requested Population Changes

Updated since May 19 PWD Mtg

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	56,306	70,896	89,665	111,448	136,387	164,940
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Boerne	25,482	35,084	47,445	61,796	78,225	97,031
Canyon Lake Water Service* (TX Water)	6,172	8,105	9,166	9,748	10,067	10,396
County-Other, Kendall	14,507	11,900	15,029	19,649	25,447	32,173
Fair Oaks Ranch*	2,519	3,440	3,901	4,085	4,131	4,131
Guadalupe-Blanco River Authority*	1,719	5,500	5,500	5,500	5,500	5,500
Kendall County WCID 1	2,873	3,114	3,939	4,896	5,992	7,247
Kendall West Utility	2,819	3,561	4,515	5,623	6,890	8,342
Water Services*	215	192	170	151	135	120
Population with Revisions (1.0)	56,306	70,896	89,665	111,448	136,387	164,940

Revisions fit within County-Other. Draft numbers below:

County-Other, Kendall	20,837	22,900	25,536	28,584	32,070	36,060
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Canyon Lake Water Service*

(Texas Water Co.)

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	0	0	0	0	0	0
Demand (ac-ft/yr)	0	0	0	0	0	0
GPCD	109	108.6	108.6	108.6	108.6	108.6
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	6,172	8,105	9,166	9,748	10,067	10,396
Demand (ac-ft/yr)	754	986	1,115	1,186	1,225	1,265
GPCD	109	108.6	108.6	108.6	108.6	108.6

- Development called Kendall West in Kendall County is identified as part of Canyon Lake Water Service (Texas Water Co.) in report provided. TCEQ DWW still identifies it under the Kendall West Utility.
- Has a 2022 population of around 3,100 people, per their Growth and Demand Projections Report by FNI

Fair Oaks Ranch*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	2,761	3,514	4,482	5,605	6,892	8,364
Demand (ac-ft/yr)	719	914	1,166	1,458	1,793	2,176
GPCD	232.6	232.2	232.2	232.2	232.2	232.2
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	2,519	3,440	3,901	4,085	4,131	4,131
Demand (ac-ft/yr)	656	895	1,015	1,063	1,075	1,075
GPCD	232.6	232.2	232.2	232.2	232.2	232.2

- Fair Oaks Ranch is split between Bexar County, Comal County, and Kendall County
- Requested a decrease to population in Kendall County, based on number of remaining water connections to buildout and using 2.65 persons per connection. Fair Oaks Ranch is landlocked.
- Request is a decrease to population, resulting in a decrease to the municipal demand through all decades. No change to GPCD.

Guadalupe-Blanco River Authority*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	1,719	2,531	3,578	4,793	6,183	7,776
Demand (ac-ft/yr)	132	193	273	366	473	594
GPCD	68.7	68.2	68.2	68.2	68.2	68.2
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	1,719	5,500	5,500	5,500	5,500	5,500
Demand (ac-ft/yr)	273	870	870	870	870	870
GPCD	141.7	141.2	141.2	141.2	141.2	141.2

- GBRA is split between Calhoun County, Comal County, and Kendall County
- Requested change to population based on expected buildout for developments in Kendall County. Change to GPCD based on actual water use averaged over developments in all three counties served. Spreadsheet provided by GBRA.
- Request is to reach buildout (5,500) by 2040, and an increase in GPCD that results in an increase to municipal demand in all decades.

Kendall County WCID 1

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	2,473	3,114	3,939	4,896	5,992	7,247
Demand (ac-ft/yr)	224	280	355	441	539	652
GPCD	81	80	80	80	80	80
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	2,873	3,114	3,939	4,896	5,992	7,247
Demand (ac-ft/yr)	261	280	355	441	539	652
GPCD	81	80	80	80	80	80

- With 860 active residential meters, Kendall County WCID 1’s population is currently 2,580.
- Kendall County commissioners have also recently approved two residential developments that will be service by our District resulting in a near-term population growth of 400.
 - Annexation filing for 16 acres & the development plan (North Creek) for a portion of the property, which has been approved by the Kendall County Commissioner’s Court. This plan calls for approximately 90 rental residences, and the potential for approximately 50 more on the undeveloped portion of the property.
 - Development plan (High Garden) in the District boundaries on approximately 27 acres that is currently under review by Kendall County. The developers have stated that they would like to build approximately single-family 70 residences on the tract.

La Salle County

Recommend utilizing the 0.5 migration scenario

LA SALLE COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	6,645	6,586	6,319	5,926	5,476	4,961
0.5 migration scenario	6,723	6,766	6,690	6,529	6,359	6,179

UPDATED

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
 - After further consideration, no revisions requested by WUG

- Cotulla
 - County-Other, La Salle
 - Encinal WSC

Cotulla provided an initial response that its current permanent population is 5,202 with 1,800 connections, and they are poised for growth; however, they provided no supporting documentation and did not provide any additional feedback for growth beyond the initial response.

* WUG split between other counties

La Salle County Requested Population Changes

Updated since May 19 PWD Mtg

Decrease

Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	6,645	6,586	6,319	5,926	5,476	4,961
DRAFT Population (0.5)	6,723	6,766	6,690	6,529	6,359	6,179
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Cotulla	3,404	3,346	3,337	3,360	3,428	3,558
County-Other, La Salle	2,276	2,335	2,207	1,948	1,613	1,172
Encinal WSC	1,043	1,085	1,146	1,221	1,318	1,449
Population with Revisions (0.5)	6,723	6,766	6,690	6,529	6,359	6,179

Medina County

Recommend utilizing the 1.0 migration scenario

MEDINA COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	54,536	57,772	60,148	61,719	63,518	65,578
0.5 migration scenario	52,700	54,147	54,761	54,852	54,948	55,050

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG

- Benton City WSC*
- Canyon Lake Water Service*
(Not in draft projections in Medina Co.)
- Castroville
- County-Other, Medina
- Devine
- ✓ East Medina County SUD
- Hondo

- La Coste*
- Lytle*
- Medina County WCID 2
- Medina River West WSC
- ✓ Natalia
- San Antonio Water System*
- ✓ Ville Dalsace Water Supply
- West Medina WSC
- Yancey WSC

* WUG split between other counties

Medina County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	54,536	57,772	60,148	61,719	63,518	65,578
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Benton City WSC*	5,897	6,266	6,536	6,710	6,910	7,139
Canyon Lake Water Service* (TX Water)	396	563	624	647	655	663
Castroville	6,496	7,081	7,930	9,120	10,214	10,929
County-Other, Medina	9,424	11,084	12,151	12,592	13,153	14,088
Devine	4,318	4,374	4,430	4,507	4,594	4,692
East Medina County SUD	10,138	10,820	11,315	11,625	11,982	12,392
Hondo	7,907	7,586	7,407	7,448	7,491	7,534
La Coste*	1,310	1,290	1,281	1,296	1,313	1,330
Lytle*	623	673	709	730	755	783
Medina County WCID 2	446	431	421	425	428	431
Medina River West WSC	1,131	1,204	1,257	1,291	1,330	1,374
Natalia	1,134	1,101	1,155	1,187	1,192	1,162
San Antonio Water System*	7,783	22,963	25,157	27,165	29,001	29,001
Ville Dalsace Water Supply	410	447	474	489	506	526
West Medina WSC	1,003	1,079	1,097	1,122	1,161	1,095
Yancey WSC	6,316	6,706	6,992	7,177	7,389	7,633
Population with Revisions (1.0)	64,336	83,105	88,312	92,884	97,419	100,109

Canyon Lake Water Service*

(Texas Water Co.)

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	0	0	0	0	0	0
Demand (ac-ft/yr)	0	0	0	0	0	0
GPCD	109	108.6	108.6	108.6	108.6	108.6
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	396	563	624	647	655	663
Demand (ac-ft/yr)	48	68	76	79	80	81
GPCD	109	108.6	108.6	108.6	108.6	108.6

- Development called Summit Ridge in Medina County is identified as part of Canyon Lake Water Service (Texas Water Co.). TCEQ DWW still identifies it as Summit Ridge.
- Has a 2022 population of around 200 people, per their Growth and Demand Projections Report by FNI

Castroville

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	3,096	3,180	3,249	3,315	3,389	3,474
Demand (ac-ft/yr)	899	921	941	960	982	1,006
GPCD	259.2	258.6	258.6	258.6	258.6	258.6
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	6,496	7,081	7,930	9,120	10,214	10,929
Demand (ac-ft/yr)	1,201	1,309	1,466	1,686	1,888	2,020
GPCD	165	165	165	165	165	165

- Castroville’s 2022 service population was 3,913, which is higher than the 2030 projections.
- In addition, Castroville has several signed agreements for service at multiple new developments.
- Castroville’s revision to their GPCD is based on their current GPCD of 165

Hondo

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	7,907	7,586	7,407	7,448	7,491	7,534
Demand (ac-ft/yr)	1,641	1,570	1,533	1,541	1,550	1,559
GPCD	185	185	185	185	185	185
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	7,907	7,586	7,407	7,448	7,491	7,534
Demand (ac-ft/yr)	2,151	2,065	2,016	2,027	2,039	2,051
GPCD	243	243	243	243	243	243

- Per 2020-2022 Annual Groundwater Withdrawal Reports, Hondo is consistently pumping 2,100+ ac-ft/yr. Based on utility water audits (2017-2022), Hondo requests a higher GPCD.
- Population projections appear low, but WUG has little supporting documentation to substantiate a change.

San Antonio Water System*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	1,383	1,531	1,674	1,805	1,925	1,925
Demand (ac-ft/yr)	177	195	213	230	245	245
GPCD	114.4	113.8	113.8	113.8	113.8	113.8
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	7,783	22,963	25,157	27,165	29,001	29,001
Demand (ac-ft/yr)	889	2,503	2,662	2,789	2,885	2,839
GPCD	102	97.3	94.5	91.6	88.8	87.4

- San Antonio Water System is split between Atascosa County, Bexar County, Comal County, and Medina County. Changes are only requested for Bexar County and Medina County.
- Numbers based on Draft 2023 Water Management Plan – extrapolated for 2080, since SAWS numbers only go through 2075 (GPCD was kept the same as 2075)
- Need some additional documentation on plans for growth
- Request is a significant increase in population from the draft projections, along with a reduction in GPCD that results in an increased municipal demand

Uvalde County

Recommend utilizing the 0.5 migration scenario

UVALDE COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	22,571	20,698	18,741	16,822	14,625	12,110
0.5 migration scenario	24,095	23,623	22,929	22,142	21,309	20,428

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG

- Concan WSC
 - County-Other, Uvalde
 - Knippa WSC
 - Sabinal
- Uvalde
- ✓ Windmill WSC

Concan WSC requested 0.5 migration scenario and requested BV share their concerns about Census undercount - “When the 2020 Census was delivered to our local post office, they were addressed as to physical addresses. Mail service at Concan, Texas consists mainly of delivery to Post Office boxes. As a result, these forms were sent back as they were undeliverable.”

* WUG split between other counties

Uvalde County Requested Population Changes (0.5)

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (0.5)	24,095	23,623	22,929	22,142	21,309	20,428
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Concan WSC	294	286	278	266	254	240
County-Other, Uvalde	4,291	4,195	4,055	3,901	3,726	3,529
Knippa WSC	495	485	469	450	430	405
Sabinal	1,292	1,262	1,220	1,170	1,116	1,056
Uvalde	17,947	18,485	19,040	19,611	20,199	20,805
Windmill WSC (1.0)	1,516	1,385	1,249	1,114	960	784
Population with Revisions (0.5)	25,835	26,098	26,311	26,512	26,685	26,819

Uvalde request is too high, even for the 0.5 migration scenario. Options to address:

1. TWDB staff mentioned we could potentially request a 2% bump due to Census undercount, but that would add only 400-500 people. (Adjust request to meet total without eliminating County-Other)
2. Combination of #1 and keep 2030 population flat across the decades.
3. Allow slight increase in population from 2030-2050, and then decrease to 2080. (with or w/o 2% Census bump)
4. Request 2030 population and decrease per TWDB growth rates.

Uvalde

TWDB 0.5 PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	16,105	15,814	15,379	14,889	14,384	13,875
Demand (ac-ft/yr)	3,724	3,646	3,546	3,433	3,316	3,199
GPCD	206.4	205.8	205.8	205.8	205.8	205.8
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	17,947	18,485	19,040	19,611	20,199	20,805
Demand (ac-ft/yr)	4,150	4,262	4,390	4,521	4,657	4,797
GPCD	206.4	205.8	205.8	205.8	205.8	205.8

- Uvalde has concerns about Census undercount. The decadal decrease is based on an assumed decrease from 2010-2020.
- “First, we have a net increase in housing units of 274 since 2011. With an estimated 20.3 percent vacancy rate, we have at least 218 more occupied housing units than we had in 2011. The 2020 Census is estimating 2.9 persons per household which would give us an additional 795 residents. Secondly, we have 292 new water customers since 2011. While some of them are commercial customers, at least 218 of those are new residential customers.”
- “Since WWII we haven’t seen a decrease except for the under-reporting of 2020. With a 4% increase in 1990, 1% in 2000 and 6% in 2010, we would have an average increase of 3% per decade. This average increase would net **473** new residents for 2020.”
- We cannot meet this request currently with either the 1.0 or 0.5 migration scenario.

Wilson County

Recommend utilizing the 1.0 migration scenario

WILSON COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	55,858	61,941	67,968	73,304	79,413	86,407
0.5 migration scenario	52,712	55,297	57,252	58,451	59,719	61,060

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG

- C Willow Water
- County-Other, Wilson
- ✓ East Central SUD*
- ✓ El Oso WSC*
- Floresville
- La Vernia
- ✓ McCoy WSC*
- Oak Hills WSC*

- Picoso WSC
- Poth
- S S WSC
- Springs Hill WSC*
- ✓ Stockdale
- ✓ Sunko WSC*
- ✓ Three Oaks WSC*

* WUG split between other counties

Wilson County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	55,858	61,941	67,968	73,304	79,413	86,407
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
C Willow Water	664	737	809	873	947	1,030
County-Other, Wilson	5,997	5,881	5,633	5,137	4,558	3,875
East Central SUD*	1,368	1,525	1,674	1,803	1,900	1,900
El Oso WSC*	170	207	245	277	315	358
Floresville	5,859	6,166	6,482	6,762	7,082	7,448
La Vernia	3,135	3,476	3,815	4,114	4,457	4,850
McCoy WSC*	406	451	496	537	583	635
Oak Hills WSC*	5,987	6,907	7,968	9,192	10,604	12,233
Picosa WSC	3,591	4,142	4,683	5,161	5,710	6,338
Poth	1,550	1,525	1,506	1,491	1,472	1,450
S S WSC	20,066	23,148	26,175	28,850	31,963	35,649
Springs Hill WSC*	244	354	461	556	664	789
Stockdale	1,458	1,471	1,488	1,504	1,521	1,540
Sunko WSC*	3,995	4,434	4,868	5,252	5,692	6,196
Three Oaks WSC*	1,368	1,517	1,665	1,795	1,945	2,116
Population with Revisions (1.0)	55,858	61,941	67,968	73,304	79,413	86,407

La Vernia

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	1,775	1,700	1,635	1,579	1,513	1,437
Demand (ac-ft/yr)	368	351	338	326	312	297
GPCD	185	184	184	184	184	184
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	3,135	3,476	3,815	4,114	4,457	4,850
Demand (ac-ft/yr)	650	717	786	848	919	1,000
GPCD	185	184	184	184	184	184

- A 200-lot subdivision started 2 years ago now has 50 homes. This development is projected to be completed by 2030, adding 150 new homes. A new approved development adjoining HEB to the west has 80 projected homes and 300 apartment units. By 2030, these should all be constructed (18 homes per year). These 530 (150 + 380) units at an average of 2.5 people per unit will add 1,325 to the current population. Assuming the current population is about 1,800 (historical populations provided by the TWDB range from 1,901 in 2010 to 1,861 in 2020), the population is estimated to be **3,135 in 2030**.
- Assume La Vernia grows at the same rate as with the rest of the county.

Agenda Item 2:

Discussion and Appropriate Action Regarding Recommendation for Feedback to TWDB

Recommendation Summary

Recommend utilizing the 0.5 migration scenario

Calhoun
De Witt
Gonzales
La Salle

Recommend utilizing the 1.0 migration scenario

Atascosa
Frio
Goliad
Karnes
Kendall
Victoria
Wilson

Workgroup to consider migration scenario

Dimmit
Refugio
Zavala

Calhoun County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (0.5)	19,449	18,619	17,599	16,571	15,483	14,332
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
County-Other, Calhoun	1,934	2,005	2,044	2,060	2,106	2,187
Guadalupe-Blanco River Authority* (1.0)	3,669	3,326	2,956	2,605	2,202	1,743
Point Comfort	556	531	501	472	439	406
Port Lavaca	11,546	11,088	10,524	9,954	9,358	8,725
Port Oconnor Improvement District	839	804	758	713	664	612
Seadrift	905	865	816	767	714	659
Population with Revisions (0.5)	19,449	18,619	17,599	16,571	15,483	14,332

Workgroup to consider approval.

Guadalupe-Blanco River Authority*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	3,669	3,326	2,956	2,605	2,202	1,743
Demand (ac-ft/yr)	282	254	226	199	168	133
GPCD	68.7	68.2	68.2	68.2	68.2	68.2
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	3,669	3,326	2,956	2,605	2,202	1,743
Demand (ac-ft/yr)	582	526	468	412	348	276
GPCD	141.7	141.2	141.2	141.2	141.2	141.2

- Workgroup comfortable with GPCD change?

Workgroup to consider approval.

De Witt County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (0.5)	19,716	19,687	19,565	19,482	19,394	19,301
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
County-Other, De Witt	7,225	7,227	7,202	7,213	7,227	7,246
Cuero	8,446	8,436	8,386	8,356	8,324	8,292
Gonzales County WSC* (1.0)	200	198	195	189	185	177
Yoakum (1.0)	2,019	2,002	1,970	1,921	1,865	1,802
Yorktown	1,826	1,824	1,812	1,803	1,793	1,784
Population with Revisions (0.5)	19,716	19,687	19,565	19,482	19,394	19,301

Workgroup to consider approval.

Gonzales County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (0.5)	19,716	19,697	19,399	19,064	18,710	18,335
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
County-Other, Gonzales	1,153	1,138	1,108	1,067	1,018	962
Fayette WSC	40	52	66	86	113	150
Gonzales	7,512	7,509	7,399	7,279	7,152	7,015
Gonzales County WSC	7,218	7,208	7,096	6,970	6,836	6,693
Luling	54	54	53	53	51	50
Nixon	2,249	2,247	2,211	2,171	2,129	2,084
Smiley	474	474	467	458	449	439
Waelder	1,016	1,015	999	980	962	942
Population with Revisions (0.5)	19,716	19,697	19,399	19,064	18,710	18,335

Workgroup to consider approval.

La Salle County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	6,645	6,586	6,319	5,926	5,476	4,961
DRAFT Population (0.5)	6,723	6,766	6,690	6,529	6,359	6,179
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Cotulla	3,404	3,346	3,337	3,360	3,428	3,558
County-Other, La Salle	2,276	2,335	2,207	1,948	1,613	1,172
Encinal WSC	1,043	1,085	1,146	1,221	1,318	1,449
Population with Revisions (0.5)	6,723	6,766	6,690	6,529	6,359	6,179

Workgroup to consider approval.

Atascosa County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	53,324	57,374	61,473	64,960	68,952	73,522
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Benton City WSC	14,426	16,133	17,752	18,851	20,120	21,580
Charlotte	1,235	1,127	1,054	1,084	1,114	1,145
County-Other, Atascosa	885	1,184	1,455	964	613	312
El Oso WSC*	106	128	148	158	170	185
Jourdanton	4,958	5,239	5,540	5,840	6,182	6,572
Lytle*	2,696	2,851	3,017	3,180	3,366	3,579
McCoy WSC*	7,741	8,082	8,470	8,913	9,417	9,989
Pleasanton	12,414	13,521	14,726	16,038	17,467	19,025
Poteet	2,734	2,447	2,244	2,297	2,351	2,403
San Antonio Water System*	6,129	6,662	7,067	7,635	8,152	8,732
Population with Revisions (1.0)	53,324	57,374	61,473	64,960	68,952	73,522

Workgroup to consider approval.

Frio County

Recommend utilizing the 1.0 migration scenario
Workgroup to consider approval.

FRIO COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	19,512	20,540	21,269	21,643	22,071	22,561
0.5 migration scenario	19,446	20,379	21,083	21,592	22,130	22,699

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG
- Benton City WSC*
- County-Other, Frio
- Dilley
- Moore WSC
- Pearsall

* WUG split between other counties

Goliad County

Recommend utilizing the 1.0 migration scenario
Workgroup to consider approval.

GOLIAD COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	6,803	6,648	6,559	6,454	6,334	6,197
0.5 migration scenario	6,769	6,592	6,394	6,264	6,126	5,980

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG
- County-Other, Goliad
- Goliad

* WUG split between other counties

Karnes County

Recommend utilizing the 1.0 migration scenario
Workgroup to consider approval.

KARNES COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	15,357	16,052	16,739	17,527	18,429	19,462
0.5 migration scenario	15,206	15,722	16,182	16,751	17,353	17,990

- No response from WUG
 - ✓ WUG indicated draft projections appear reasonable
 - WUG requested revision
 - After further consideration, no revisions requested by WUG
- ✓ County-Other, Karnes
 - ✓ El Oso WSC*
 - Falls City
 - Karnes City
 - Kenedy
 - Runge
 - ✓ Sunko WSC*
 - ✓ Three Oaks WSC*

* WUG split between other counties

Kendall County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	56,306	70,896	89,665	111,448	136,387	164,940
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Boerne	25,482	35,084	47,445	61,796	78,225	97,031
Canyon Lake Water Service* (TX Water)	6,172	8,105	9,166	9,748	10,067	10,396
County-Other, Kendall	14,507	11,900	15,029	19,649	25,447	32,173
Fair Oaks Ranch*	2,519	3,440	3,901	4,085	4,131	4,131
Guadalupe-Blanco River Authority*	1,719	5,500	5,500	5,500	5,500	5,500
Kendall County WCID 1	2,873	3,114	3,939	4,896	5,992	7,247
Kendall West Utility	2,819	3,561	4,515	5,623	6,890	8,342
Water Services*	215	192	170	151	135	120
Population with Revisions (1.0)	56,306	70,896	89,665	111,448	136,387	164,940

Workgroup to consider approval.

Guadalupe-Blanco River Authority*

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	1,719	2,531	3,578	4,793	6,183	7,776
Demand (ac-ft/yr)	132	193	273	366	473	594
GPCD	68.7	68.2	68.2	68.2	68.2	68.2
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	1,719	5,500	5,500	5,500	5,500	5,500
Demand (ac-ft/yr)	273	870	870	870	870	870
GPCD	141.7	141.2	141.2	141.2	141.2	141.2

- Workgroup comfortable with GPCD change?

Workgroup to consider approval.

Victoria County

Recommend utilizing the 1.0 migration scenario
Workgroup to consider approval.

VICTORIA COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	93,954	96,082	96,608	96,168	95,664	95,087
0.5 migration scenario	93,984	95,975	96,635	96,664	96,695	96,728

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG
- County-Other, Victoria
- Quail Creek MUD
- Victoria
- Victoria County WCID 1

* WUG split between other counties

Wilson County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (1.0)	55,858	61,941	67,968	73,304	79,413	86,407
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
C Willow Water	664	737	809	873	947	1,030
County-Other, Wilson	5,997	5,881	5,633	5,137	4,558	3,875
East Central SUD*	1,368	1,525	1,674	1,803	1,900	1,900
El Oso WSC*	170	207	245	277	315	358
Floresville	5,859	6,166	6,482	6,762	7,082	7,448
La Vernia	3,135	3,476	3,815	4,114	4,457	4,850
McCoy WSC*	406	451	496	537	583	635
Oak Hills WSC*	5,987	6,907	7,968	9,192	10,604	12,233
Picosa WSC	3,591	4,142	4,683	5,161	5,710	6,338
Poth	1,550	1,525	1,506	1,491	1,472	1,450
S S WSC	20,066	23,148	26,175	28,850	31,963	35,649
Springs Hill WSC*	244	354	461	556	664	789
Stockdale	1,458	1,471	1,488	1,504	1,521	1,540
Sunko WSC*	3,995	4,434	4,868	5,252	5,692	6,196
Three Oaks WSC*	1,368	1,517	1,665	1,795	1,945	2,116
Population with Revisions (1.0)	55,858	61,941	67,968	73,304	79,413	86,407

Workgroup to consider approval.

Dimmit County

Workgroup to consider migration scenario
Workgroup to consider approval.

DIMMIT COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	7,341	6,303	5,340	4,484	3,504	2,382
0.5 migration scenario	8,175	7,818	7,383	6,983	6,560	6,112

- No response from WUG
 - ✓ WUG indicated draft projections appear reasonable
 - WUG requested revision
 - After further consideration, no revisions requested by WUG
- Asherton
 - Big Wells
 - Carrizo Hill WSC
 - Carrizo Springs
 - County-Other, Dimmit

* WUG split between other counties

Refugio County

Workgroup to consider migration scenario
 Workgroup to consider approval.

REFUGIO COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	6,283	5,820	5,352	4,897	4,376	3,780
0.5 migration scenario	6,489	6,243	5,992	5,799	5,595	5,379

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- After further consideration, no revisions requested by WUG
- County-Other, Refugio
- Refugio
- Woodsboro

* WUG split between other counties

Zavala County

Workgroup to consider migration scenario
Workgroup to consider approval.

ZAVALA COUNTY POPULATION	2030	2040	2050	2060	2070	2080
1.0 migration scenario (WUGs projected using this scenario)	8,595	7,590	6,649	5,747	4,714	3,531
0.5 migration scenario	9,480	9,232	8,858	8,472	8,064	7,632

- No response from WUG
 - ✓ WUG indicated draft projections appear reasonable
 - WUG requested revision
 - After further consideration, no revisions requested by WUG
- Batesville WSC
 - County-Other, Zavala
 - Crystal City
 - Loma Alta Chula Vista Water System
 - Zavala County WCID 1

* WUG split between other counties