

Projected Exempt Groundwater Use Estimates

Groundwater Management Area 10
TWDB Final Estimates
December 2015

Barton Springs/Edwards Aquifer CD	1
Comal Trinity GCD	2
Edwards Aquifer Authority	3
Guadalupe County GCD	4
Kinney County GCD	5
Medina County GCD	6
Plum Creek CD	7
Uvalde County UWCD.....	8

Projected Exempt Groundwater Use Estimates
Acre-feet per year

Barton Springs/Edwards Aquifer CD

Total Estimated Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Edwards (Balcones Fault Zone)	2,569	2,478	2,611	3,388	4,174	5,761	7,737
Other	113	102	91	83	72	56	40
Trinity	216	219	244	342	447	651	903

Estimated Domestic Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Edwards (Balcones Fault Zone)	2,520	2,447	2,580	3,357	4,143	5,730	7,706
Other	110	99	88	80	69	53	37
Trinity	214	217	242	340	445	649	901

Estimated Livestock Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Edwards (Balcones Fault Zone)	49	31	31	31	31	31	31
Other	3	3	3	3	3	3	3
Trinity	2	2	2	2	2	2	2

Estimates derived using 2010 Census Data, TWDB population projections, TWDB Water Use Survey data, TWDB water demand projections, and the TWDB water well database.

Values are rounded to the nearest acre-foot.

Projected Exempt Groundwater Use Estimates
Acre-feet per year

Comal Trinity GCD

Total Estimated Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Other	10	13	14	14	14	14	14
Trinity	182	220	231	234	236	235	232

Estimated Domestic Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Other	10	13	14	14	14	14	14
Trinity	155	192	203	206	208	207	204

Estimated Livestock Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Other	0	0	0	0	0	0	0
Trinity	27	28	28	28	28	28	28

Estimates derived using 2010 Census Data, TWDB population projections, TWDB Water Use Survey data, TWDB water demand projections, and the TWDB water well database.

Values are rounded to the nearest acre-foot.

Projected Exempt Groundwater Use Estimates
Acre-feet per year

Edwards Aquifer Authority

Total Estimated Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Edwards (Balcones Fault Zone)	13,870	12,140	13,369	15,189	17,220	19,240	21,174

Estimated Domestic Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Edwards (Balcones Fault Zone)	9,848	9,283	10,515	12,340	14,377	16,402	18,341

Estimated Livestock Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Edwards (Balcones Fault Zone)	4,022	3,791	4,295	5,040	5,872	6,699	7,491

2015 estimates provided by the Edwards Aquifer Authority. Projected estimates are derived using 2010 Census Data, TWDB population projections, TWDB Water Use Survey data, and TWDB water demand projections.

Values are rounded to the nearest acre-foot.

Projected Exempt Groundwater Use Estimates
Acre-feet per year

Guadalupe County GCD

Total Estimated Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Other	12	13	13	16	20	23	27

Estimated Domestic Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Other	12	13	13	16	20	23	27

Estimated Livestock Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Other	0	0	0	0	0	0	0

Estimates derived using 2010 Census Data, TWDB population projections, TWDB Water Use Survey data, TWDB water demand projections, and the TWDB water well database.

Values are rounded to the nearest acre-foot.

**Projected Exempt Groundwater Use Estimates
Acre-feet per year**

Kinney County GCD

Total Estimated Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Edwards (Balcones Fault Zone)	97	125	126	126	126	126	126
Other	63	84	84	84	84	84	84

Estimated Domestic Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Edwards (Balcones Fault Zone)	15	15	16	16	16	16	16
Other	6	6	6	6	6	6	6

Estimated Livestock Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Edwards (Balcones Fault Zone)	82	110	110	110	110	110	110
Other	57	78	78	78	78	78	78

Estimates derived using 2010 Census Data, TWDB population projections, TWDB Water Use Survey data, TWDB water demand projections, and the TWDB water well database.

Values are rounded to the nearest acre-foot.

**Projected Exempt Groundwater Use Estimates
Acre-feet per year**

Medina County GCD

Total Estimated Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Other	504	470	488	506	522	536	548
Trinity	104	94	96	98	100	102	104

Estimated Domestic Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Other	286	286	304	322	338	352	364
Trinity	37	38	40	42	44	46	48

Estimated Livestock Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Other	218	184	184	184	184	184	184
Trinity	67	56	56	56	56	56	56

Estimates derived using 2010 Census Data, TWDB population projections, TWDB Water Use Survey data, TWDB water demand projections, and the TWDB water well database.

Values are rounded to the nearest acre-foot.

**Projected Exempt Groundwater Use Estimates
Acre-feet per year**

Plum Creek CD

Total Estimated Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Edwards (Balcones Fault Zone)	1	1	1	1	1	1	1
Other	108	114	132	152	172	192	211

Estimated Domestic Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Edwards (Balcones Fault Zone)	0	0	0	0	0	0	0
Other	87	90	108	128	148	168	187

Estimated Livestock Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Edwards (Balcones Fault Zone)	1	1	1	1	1	1	1
Other	21	24	24	24	24	24	24

Estimates derived using 2010 Census Data, TWDB population projections, TWDB Water Use Survey data, TWDB water demand projections, and the TWDB water well database.

Values are rounded to the nearest acre-foot.

**Projected Exempt Groundwater Use Estimates
Acre-feet per year**

Uvalde County UWCD

Total Estimated Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Other	537	473	522	544	566	587	607
Trinity	0	0	0	0	0	0	0

Estimated Domestic Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Other	171	233	282	304	326	347	367
Trinity	0	0	0	0	0	0	0

Estimated Livestock Exempt Use (by aquifer)

Aquifer	2015	2020	2030	2040	2050	2060	2070
Other	366	240	240	240	240	240	240
Trinity	0	0	0	0	0	0	0

Estimates derived using 2010 Census Data, TWDB population projections, TWDB Water Use Survey data, TWDB water demand projections, and the TWDB water well database.

Values are rounded to the nearest acre-foot.