

Water Resources Planning Department

**Projection Analysis Work Sheets
for
Dominguez District**

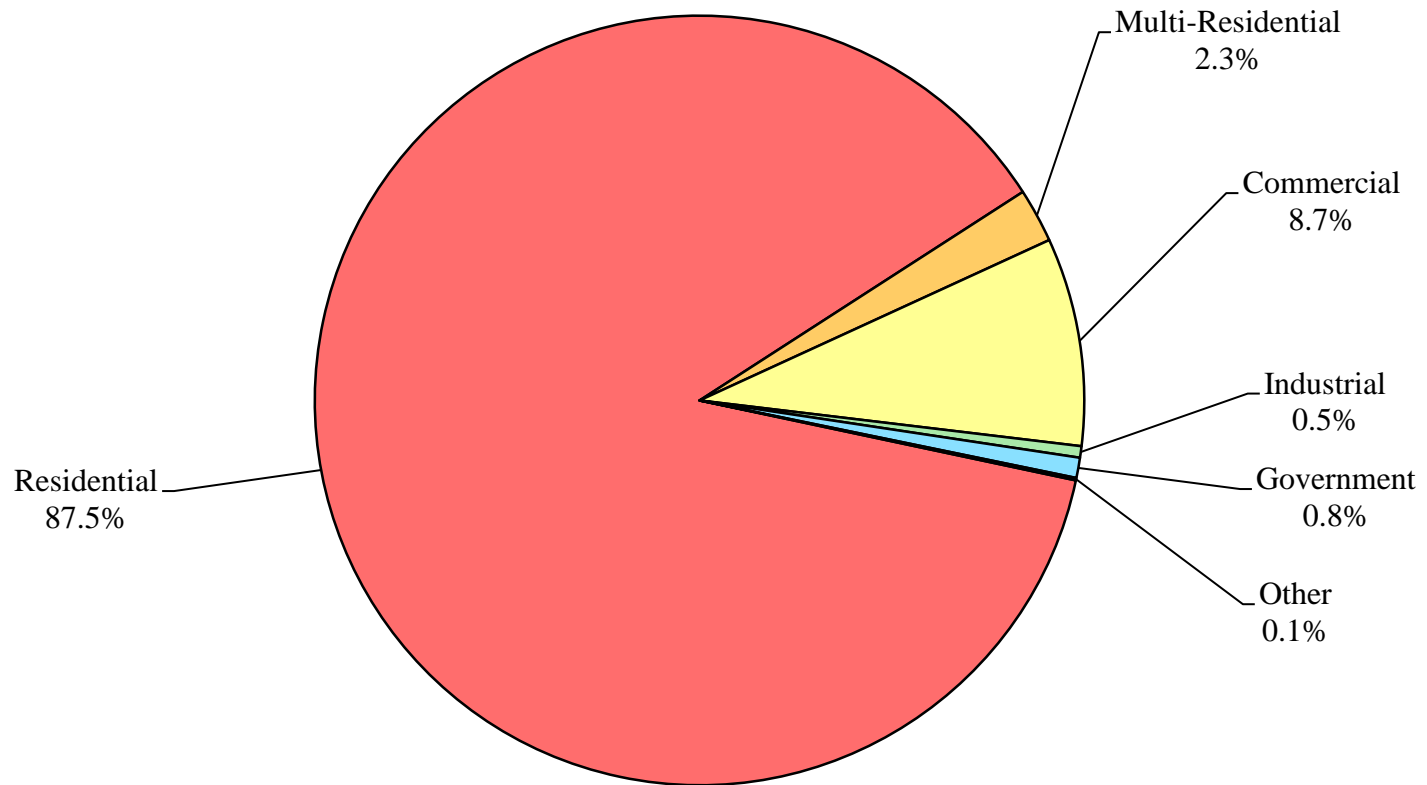
2015



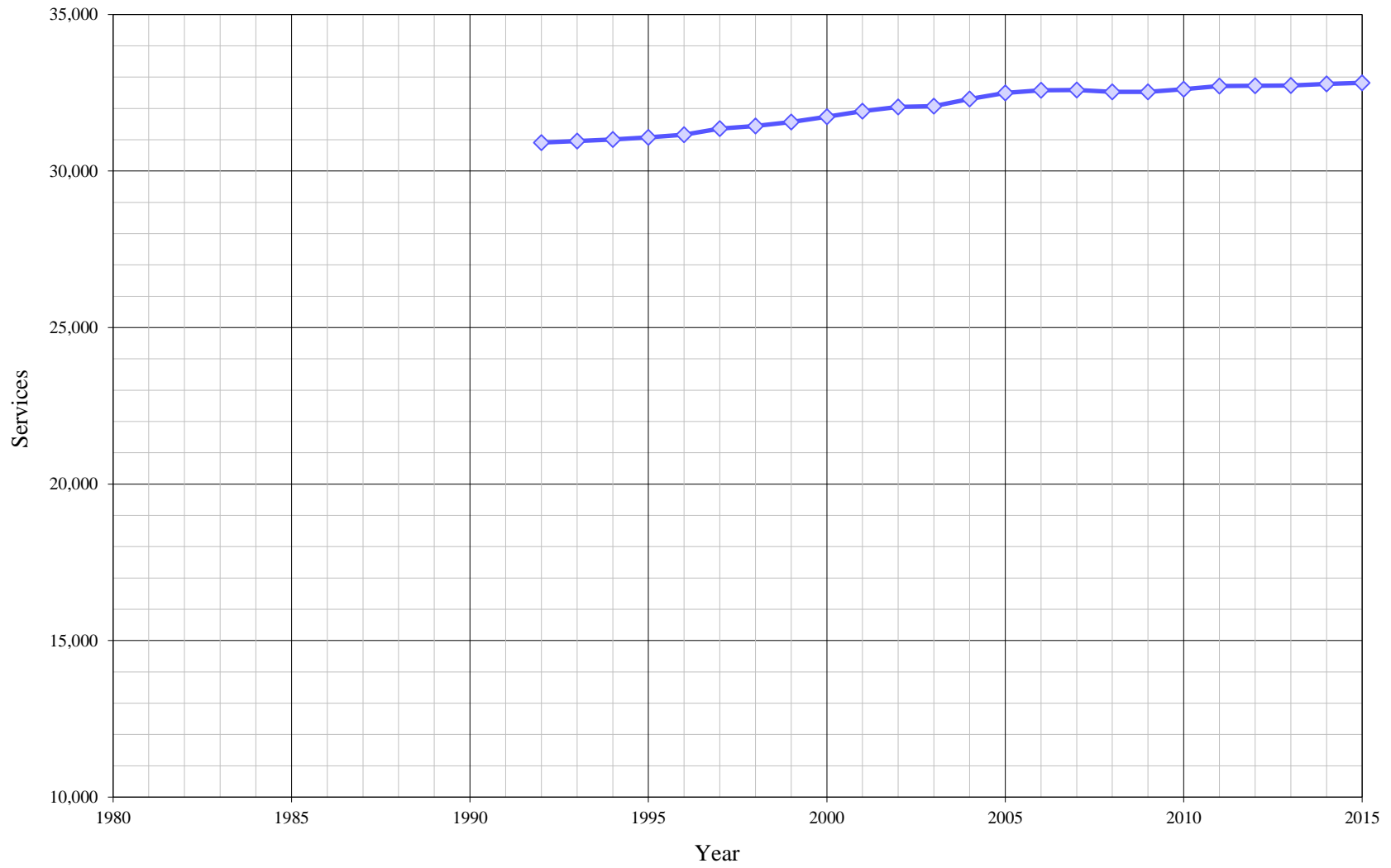
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Distribution of Services (2015)



Historical Services



California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections
Average Annual Services

Year	Single Family (SFR)	Multi Family (MFR)	Commercial (COM)	Industrial (IND)	Government (GOV)	Reclaimed (REC)	Other (OTH)	Total	Annual Change
1990									
1991									
1992	26,873	860	2,800	132	216	0	31	30,911	
1993	26,908	868	2,810	133	217	0	26	30,963	52
1994	26,957	865	2,807	133	221	0	29	31,012	49
1995	27,038	864	2,796	131	223	0	29	31,081	69
1996	27,115	864	2,796	130	227	0	31	31,164	83
1997	27,291	875	2,797	130	233	0	28	31,354	190
1998	27,351	888	2,794	129	244	0	37	31,443	89
1999	27,436	903	2,809	128	244	0	51	31,570	127
2000	27,561	919	2,816	133	245	0	67	31,740	170
2001	27,668	936	2,876	132	249	0	50	31,910	170
2002	27,713	942	2,940	137	264	0	52	32,047	137
2003	27,725	930	2,967	144	261	0	45	32,071	24
2004	27,965	926	2,956	159	264	0	31	32,301	230
2005	28,136	920	2,979	160	264	0	37	32,495	194
2006	28,210	912	2,996	165	265	0	32	32,580	85
2007	28,220	910	2,998	165	269	0	27	32,589	9
2008	28,334	801	2,937	163	278	0	20	32,533	-56
2009	28,495	696	2,863	160	288	0	26	32,527	-6
2010	28,573	704	2,863	162	286	0	28	32,616	89
2011	28,632	735	2,871	161	286	0	28	32,713	96
2012	28,646	742	2,865	159	285	0	25	32,722	9
2013	28,650	744	2,865	159	287	0	28	32,732	10
2014	28,694	746	2,865	159	286	0	33	32,784	52
2015	28,733	746	2,870	158	279	0	34	32,820	35
5 Yr Avg.	28,671	742	2,867	159	284	0	30	32,754	51
10 Yr Avg.	28,519	774	2,899	161	281	0	28	32,662	48
15 Yr Avg.	28,293	826	2,914	156	274	0	33	32,496	81
20 Yr Avg.	28,057	842	2,886	150	265	0	35	32,235	89

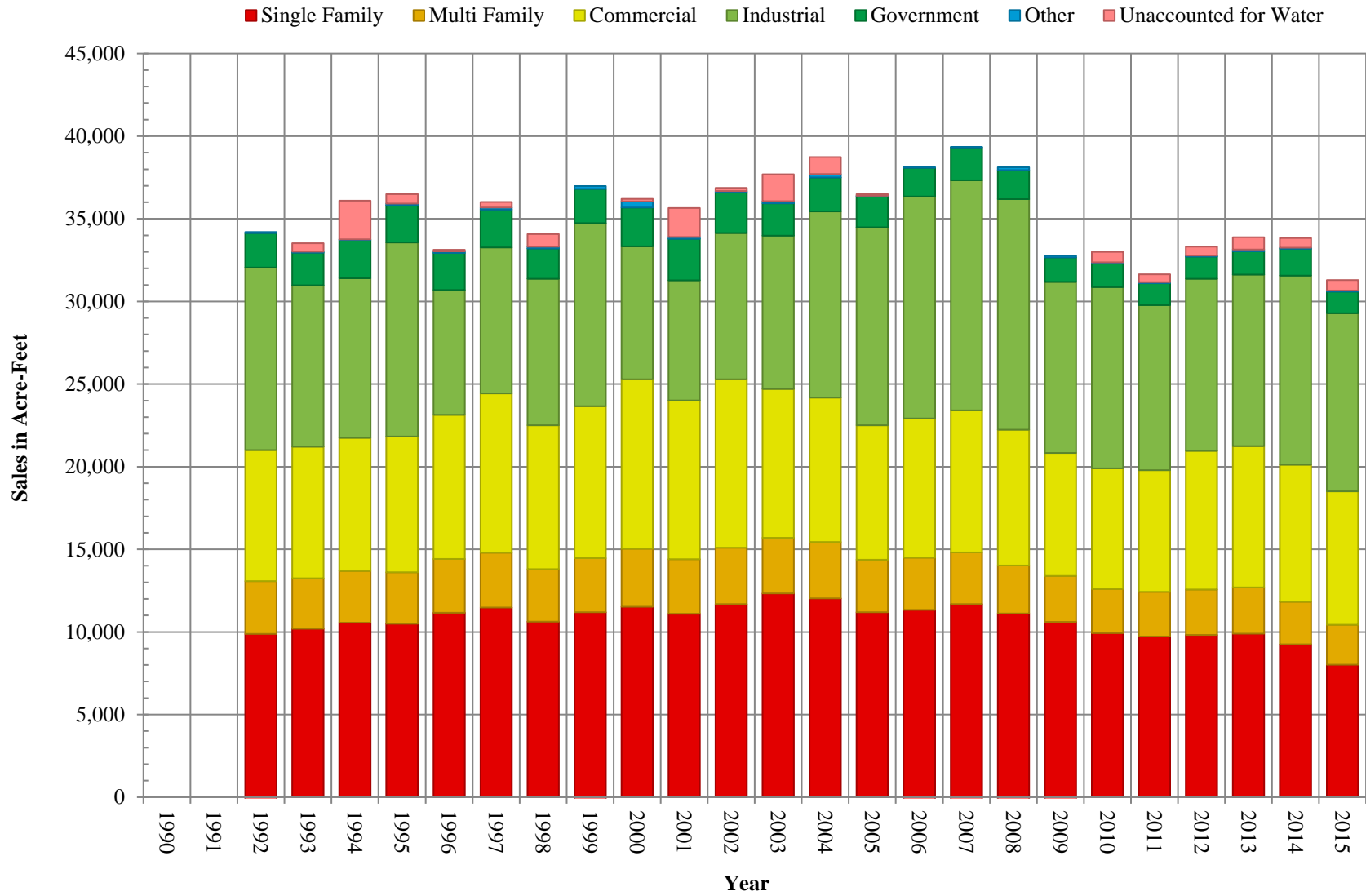
Note: Reclassification occurred between categories from 2007 to 2009

California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections
Service Growth Percentage

Year	Single Family (SFR)	Multi Family (MFR)	Commercial (COM)	Industrial (IND)	Government (GOV)	Reclaimed (REC)	Other (OTH)	Total
1991								
1992								
1993	0.13%	0.93%	0.39%	0.89%	0.69%		-13.86%	0.17%
1994	0.18%	-0.32%	-0.12%	-0.19%	1.76%		8.83%	0.16%
1995	0.30%	-0.12%	-0.39%	-1.57%	0.83%		0.29%	0.22%
1996	0.29%	0.05%	0.01%	-0.26%	1.64%		6.65%	0.27%
1997	0.65%	1.23%	0.02%	-0.58%	2.90%		-8.94%	0.61%
1998	0.22%	1.45%	-0.11%	-0.64%	4.61%		33.04%	0.28%
1999	0.31%	1.69%	0.53%	-0.84%	0.07%		37.14%	0.40%
2000	0.46%	1.86%	0.24%	4.18%	0.31%		31.00%	0.54%
2001	0.39%	1.77%	2.14%	-0.56%	1.57%		-25.53%	0.53%
2002	0.16%	0.69%	2.22%	3.97%	5.93%		3.51%	0.43%
2003	0.04%	-1.27%	0.94%	4.43%	-0.89%		-13.73%	0.08%
2004	0.87%	-0.43%	-0.38%	10.57%	1.18%		-30.34%	0.72%
2005	0.61%	-0.63%	0.77%	1.10%	-0.09%		18.28%	0.60%
2006	0.26%	-0.92%	0.60%	3.06%	0.32%		-11.82%	0.26%
2007	0.04%	-0.19%	0.04%	0.05%	1.73%		-17.27%	0.03%
2008	0.40%	-11.92%	-2.02%	-1.71%	3.31%		-24.92%	-0.17%
2009	0.57%	-13.16%	-2.54%	-1.33%	3.47%		28.22%	-0.02%
2010	0.28%	1.21%	0.02%	0.68%	-0.81%		10.03%	0.27%
2011	0.20%	4.28%	0.28%	-0.15%	-0.03%		0.29%	0.30%
2012	0.05%	0.95%	-0.20%	-1.29%	-0.15%		-12.61%	0.03%
2013	0.01%	0.31%	-0.02%	-0.16%	0.47%		13.09%	0.03%
2014	0.16%	0.32%	0.01%	0.00%	-0.15%		18.99%	0.16%
2015	0.13%	0.00%	0.17%	-0.47%	-2.62%		1.25%	0.11%
5 Yr. Avg.	0.11%	1.17%	0.05%	-0.41%	-0.50%		4.20%	0.13%
10 Yr. Avg.	0.21%	-1.91%	-0.37%	-0.13%	0.55%		0.53%	0.10%
15 Yr. Avg.	0.28%	-1.27%	0.14%	1.21%	0.88%		-2.84%	0.22%
20 Yr. Avg.	0.31%	-0.64%	0.14%	1.00%	1.14%		2.82%	0.27%

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Historical Sales

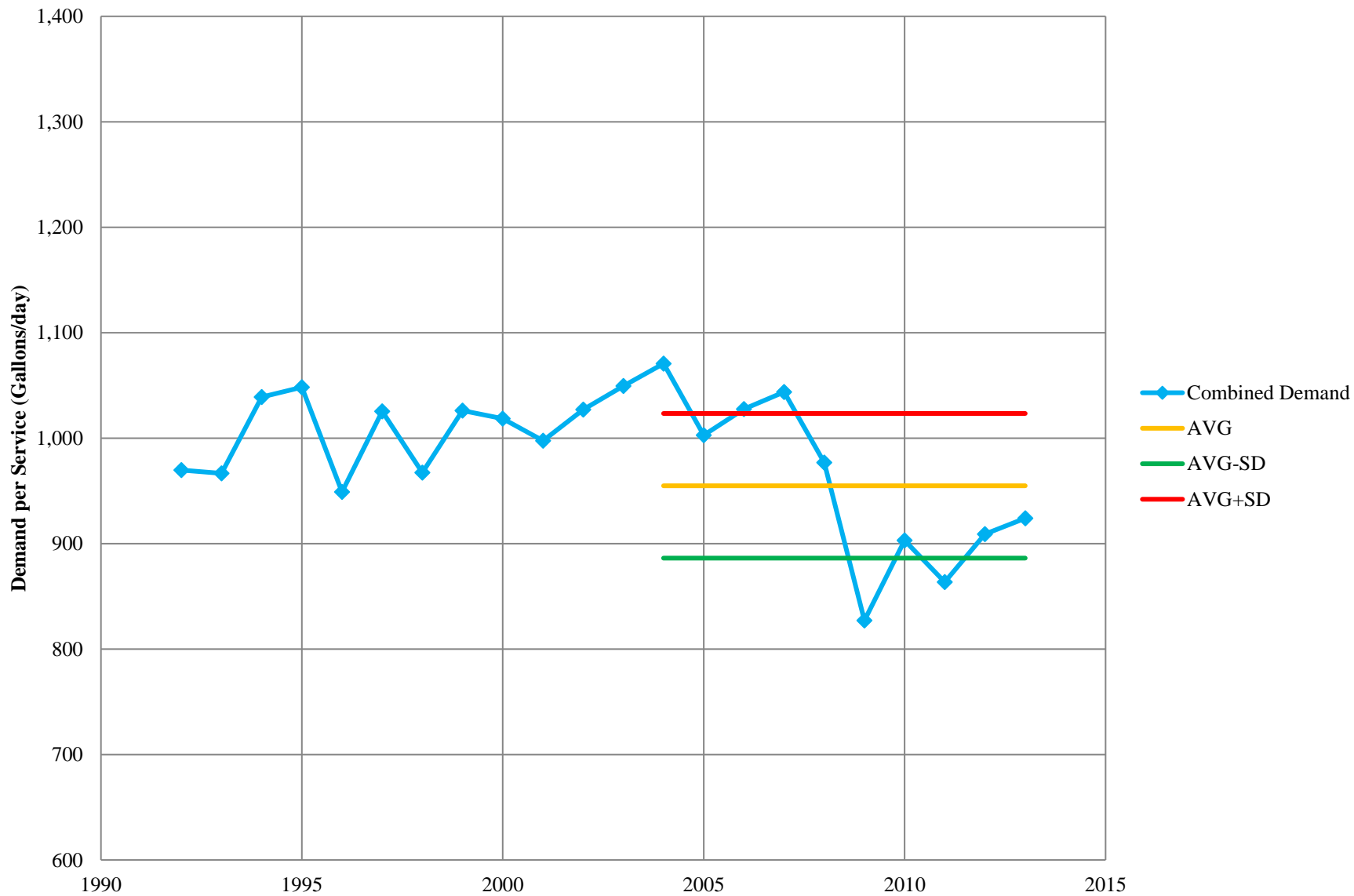


California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections
Sales (AF)

Worksheet 3

Year	Single Family (SFR)	Multi Family (MFR)	Commercial (COM)	Industrial (IND)	Government (GOV)	Reclaimed (REC)	Other (OTH)	Unaccounted for Water (UAFW)	Total Sales (AF)	Total Demand (AF)	Total Demand (MGal)
1990	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0
1992	9,889	3,185	7,934	11,039	2,091	0	62	-627	34,199	33,572	10,940
1993	10,196	3,052	7,961	9,772	1,978	0	52	519	33,010	33,529	10,925
1994	10,567	3,131	8,053	9,653	2,316	0	39	2,337	33,759	36,096	11,762
1995	10,497	3,116	8,221	11,741	2,257	0	92	573	35,924	36,497	11,893
1996	11,170	3,249	8,716	7,559	2,235	0	95	102	33,025	33,127	10,795
1997	11,484	3,307	9,645	8,835	2,283	0	129	330	35,684	36,014	11,735
1998	10,619	3,185	8,699	8,867	1,833	0	118	746	33,323	34,069	11,101
1999	11,195	3,276	9,196	11,077	2,068	0	173	-702	36,986	36,283	11,823
2000	11,524	3,507	10,255	8,046	2,358	0	359	161	36,049	36,210	11,799
2001	11,105	3,300	9,611	7,264	2,513	0	108	1,754	33,900	35,654	11,618
2002	11,687	3,418	10,181	8,852	2,465	0	80	190	36,682	36,872	12,015
2003	12,327	3,369	9,002	9,288	1,948	0	132	1,632	36,067	37,699	12,284
2004	12,038	3,400	8,752	11,259	2,060	0	205	1,026	37,714	38,740	12,624
2005	11,196	3,174	8,137	11,982	1,867	0	44	99	36,400	36,499	11,893
2006	11,341	3,162	8,409	13,435	1,746	0	27	-623	38,120	37,498	12,219
2007	11,689	3,128	8,586	13,934	1,986	0	28	-1,251	39,351	38,100	12,415
2008	11,119	2,897	8,229	13,946	1,752	0	174	-2,521	38,117	35,596	11,599
2009	10,616	2,776	7,448	10,336	1,486	0	122	-2,649	32,784	30,136	9,820
2010	9,937	2,661	7,308	10,953	1,438	0	67	628	32,364	32,992	10,751
2011	9,718	2,708	7,357	9,989	1,327	0	70	477	31,169	31,646	10,312
2012	9,820	2,742	8,395	10,419	1,347	0	56	543	32,778	33,321	10,858
2013	9,897	2,805	8,540	10,382	1,410	0	104	739	33,138	33,877	11,039
2014	9,258	2,573	8,288	11,437	1,635	0	63	581	33,254	33,835	11,025
2015	8,012	2,428	8,077	10,772	1,312	0	59	631	30,660	31,291	10,196

Combined Demand per Service

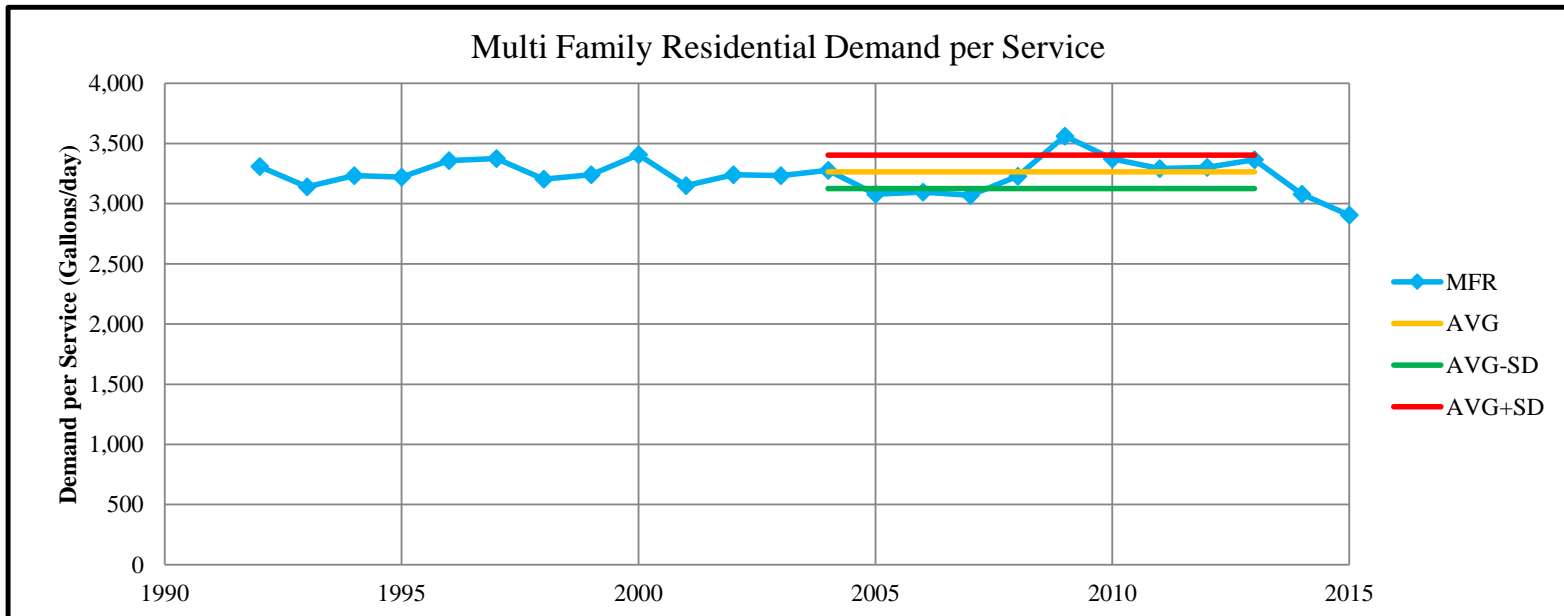
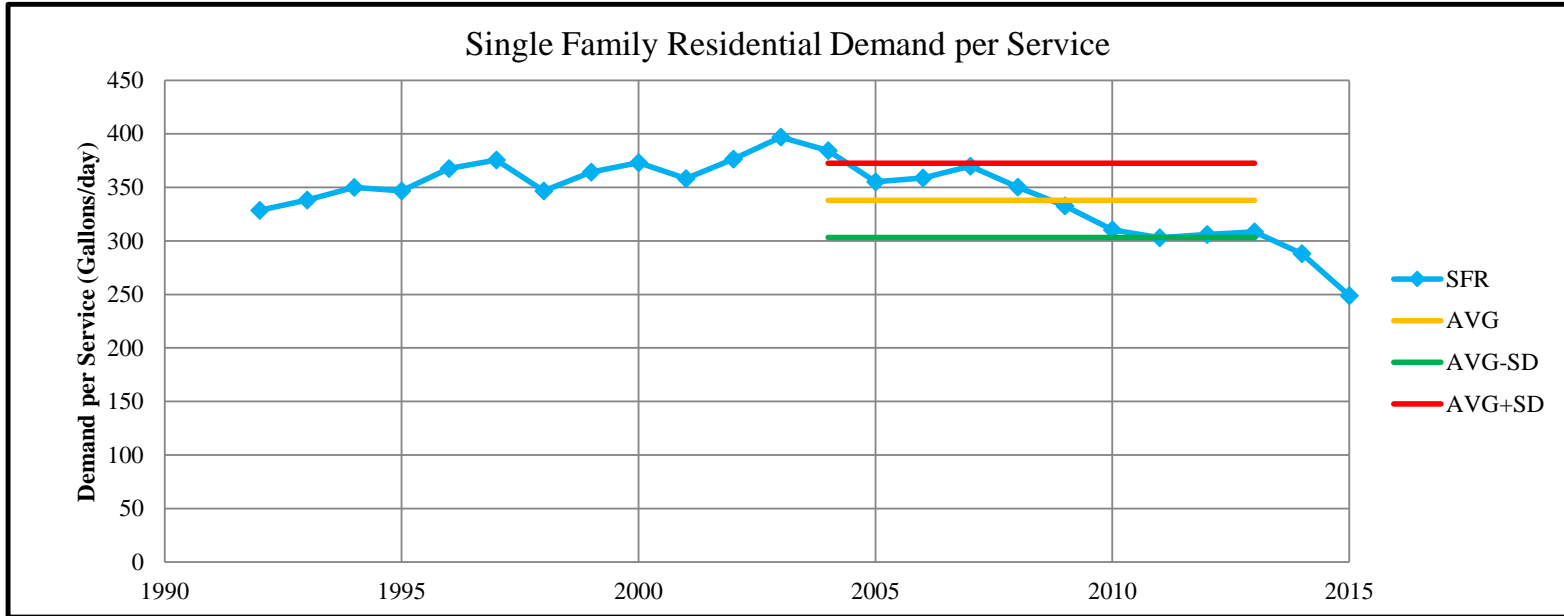


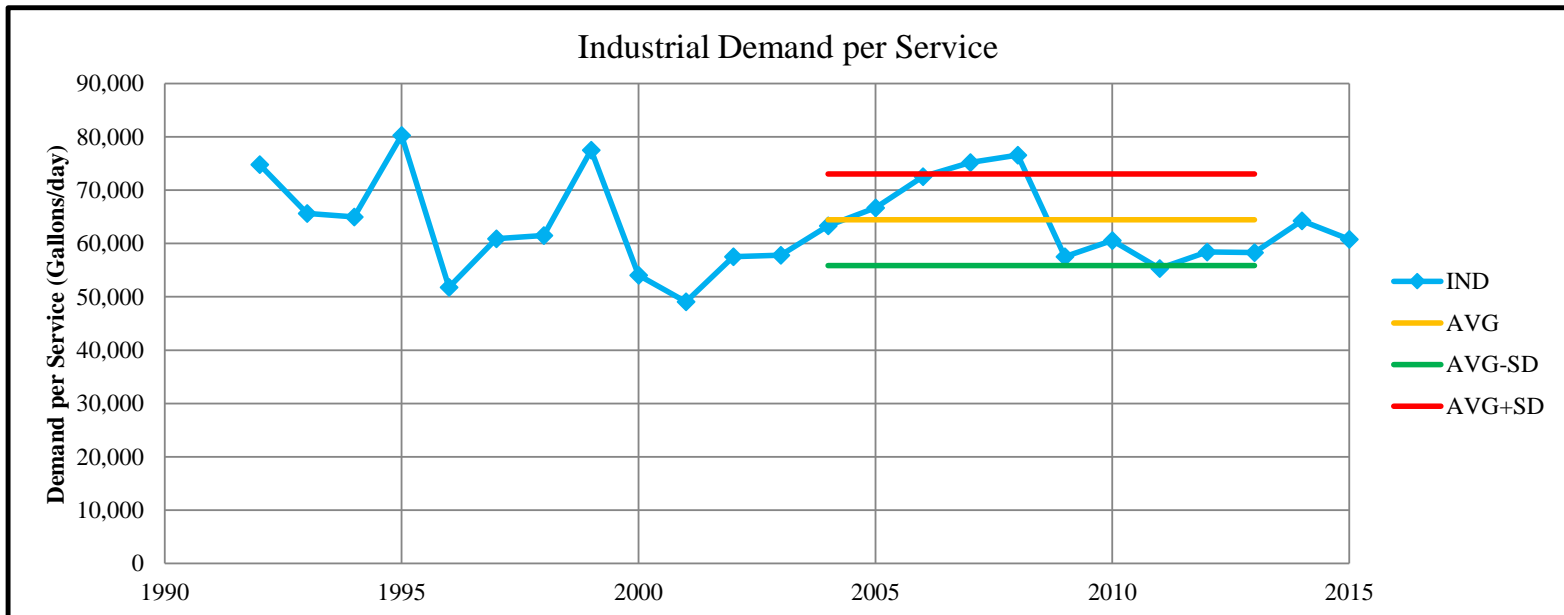
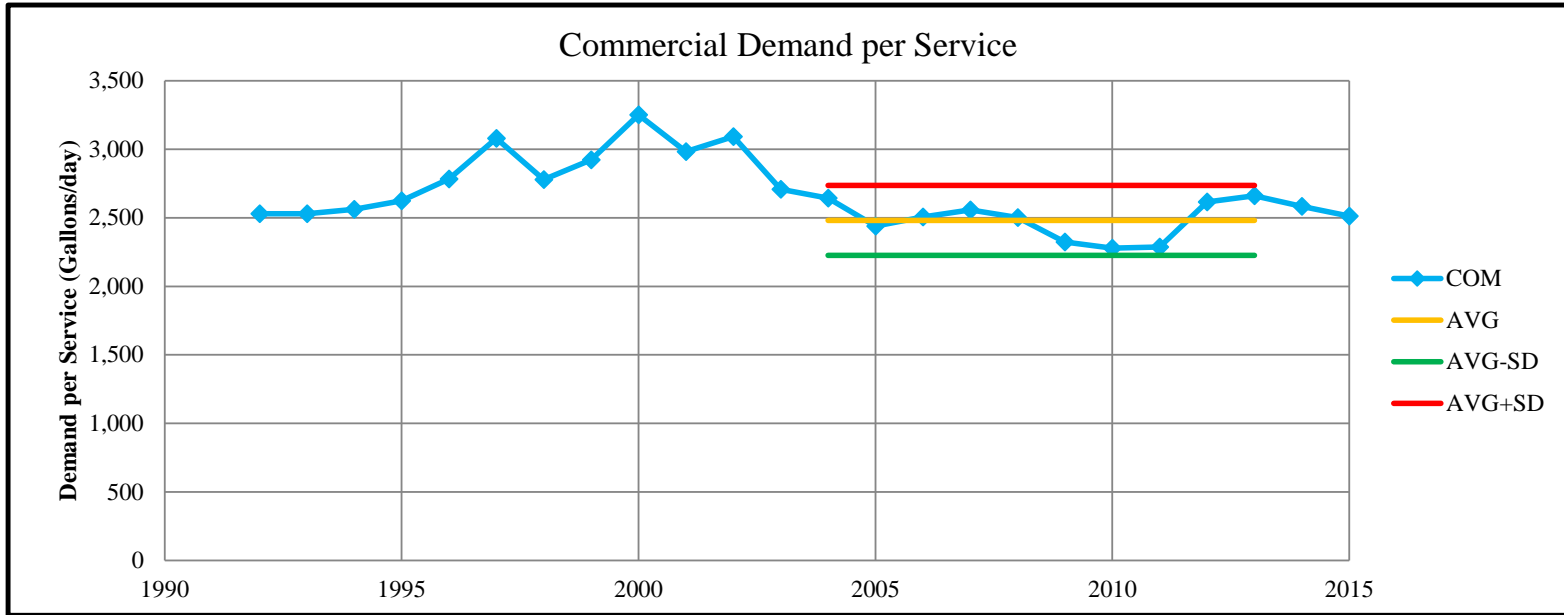
California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections
Demand per Service (Gallons per Day)

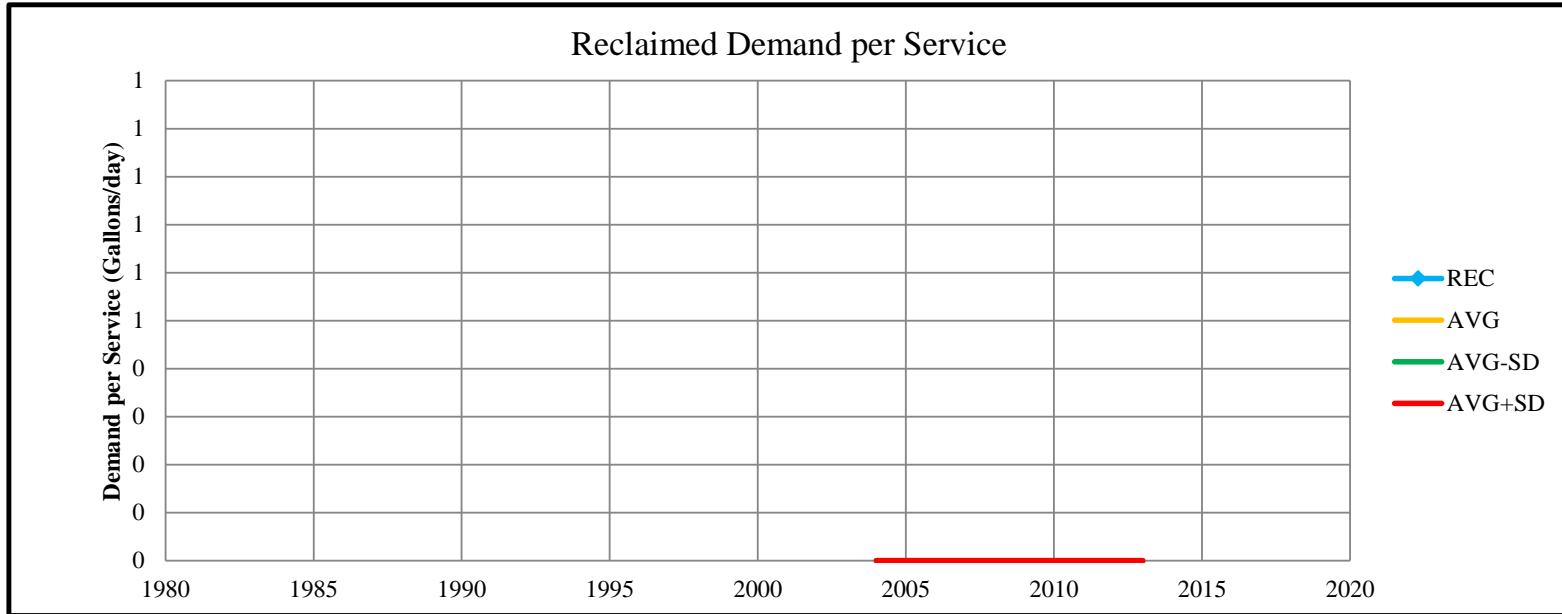
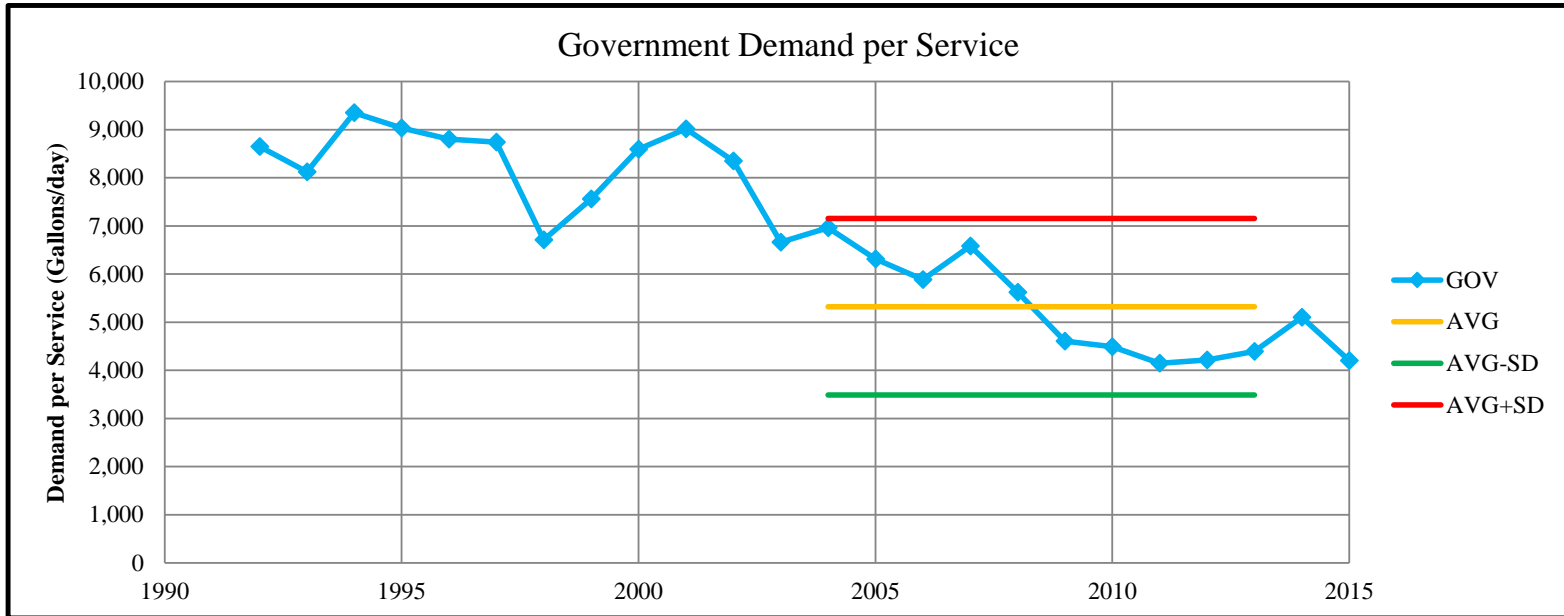
Worksheet 4

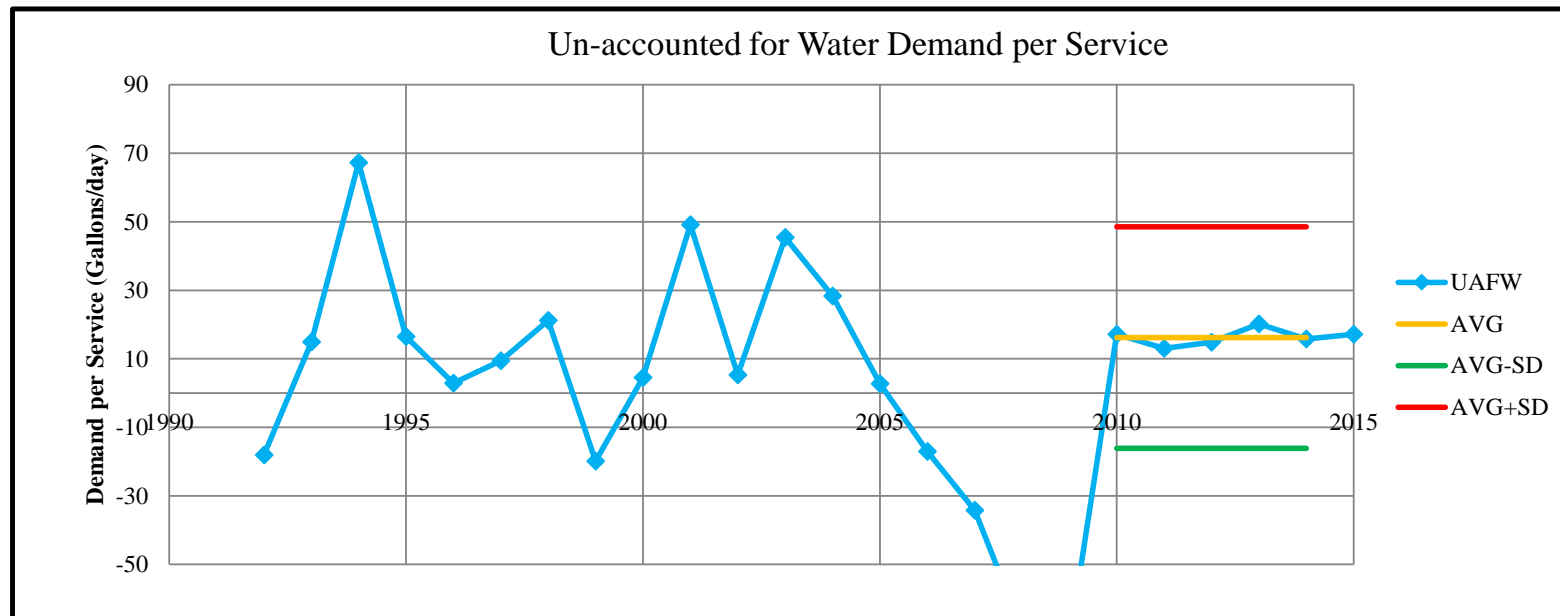
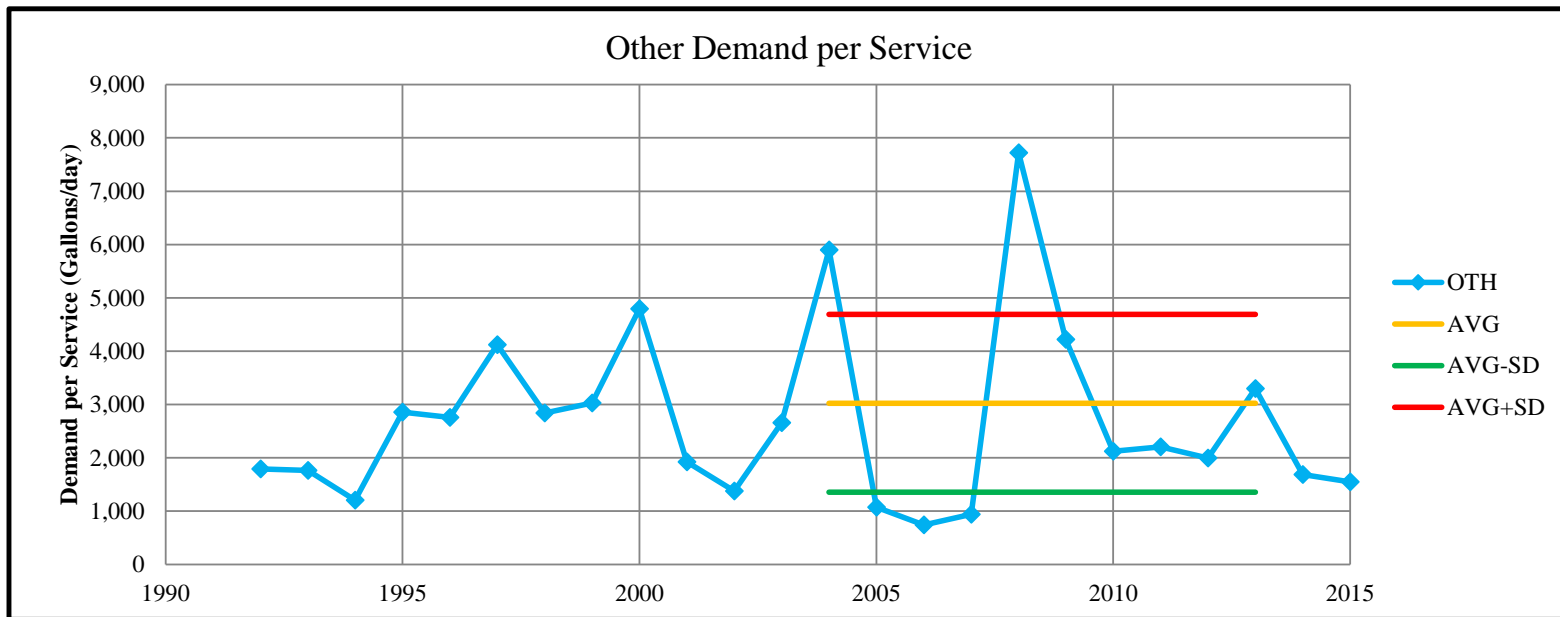
Year	SFR	MFR	COM	IND	GOV	REC	OTH	UAFW	Combined Demand/Serv
1990									
1991									
1992	329	3,308	2,530	74,799	8,648		1,794	-18	970
1993	338	3,140	2,529	65,633	8,123		1,762	15	967
1994	350	3,233	2,561	64,960	9,350		1,205	67	1,039
1995	347	3,221	2,625	80,268	9,035		2,855	16	1,048
1996	368	3,357	2,783	51,812	8,803		2,756	3	949
1997	376	3,375	3,079	60,904	8,739		4,120	9	1,025
1998	347	3,204	2,780	61,526	6,708		2,839	21	967
1999	364	3,241	2,923	77,510	7,560		3,027	-20	1,026
2000	373	3,406	3,251	54,044	8,594		4,795	5	1,018
2001	358	3,150	2,983	49,064	9,019		1,927	49	998
2002	376	3,239	3,092	57,510	8,350		1,377	5	1,027
2003	397	3,234	2,709	57,785	6,660		2,657	45	1,049
2004	384	3,278	2,644	63,352	6,960		5,898	28	1,071
2005	355	3,079	2,439	66,682	6,312		1,076	3	1,003
2006	359	3,096	2,505	72,543	5,886		741	-17	1,027
2007	370	3,069	2,557	75,203	6,581		943	-34	1,044
2008	350	3,227	2,501	76,576	5,620		7,721	-69	977
2009	333	3,561	2,323	57,522	4,606		4,223	-73	827
2010	310	3,373	2,279	60,544	4,493		2,123	17	903
2011	303	3,292	2,288	55,301	4,147		2,208	13	864
2012	306	3,301	2,616	58,436	4,217		1,997	15	909
2013	308	3,366	2,661	58,323	4,395		3,298	20	924
2014	288	3,078	2,583	64,247	5,103		1,688	16	921
2015	249	2,904	2,512	60,800	4,206		1,549	17	851
10-yr AVG	338	3,264	2,481	64,448	5,322		3,023	16	955
SD	35	139	255	8,590	1,833		1,667	32	69

Note: Negative Un-Accounted for Water 2006 to 2009 drove re-assignment of average period to 2010 to 2014.









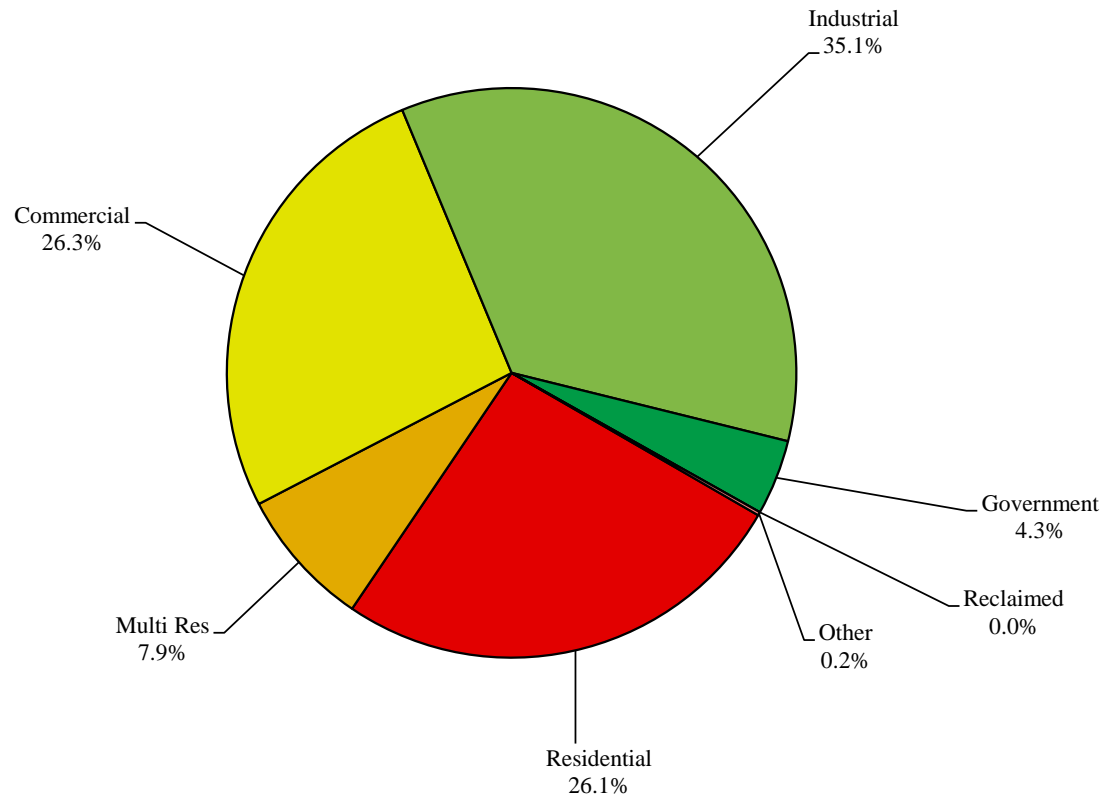
California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections
Percentage Change in Annual Demand

Worksheet 5

Year	Residential	Multi Res	Commercial	Industrial	Government	Reclaimed	Other	Unaccounted	Total
1990									
1991									
1992									
1993	3.10%	-4.18%	0.35%	-11.48%	-5.42%		-15.38%	-182.77%	-3.48%
1994	3.64%	2.61%	1.15%	-1.21%	17.14%		-25.59%	350.50%	2.27%
1995	-0.66%	-0.47%	2.08%	21.63%	-2.57%		137.60%	-75.46%	6.41%
1996	6.41%	4.27%	6.03%	-35.62%	-0.96%		2.97%	-82.17%	-8.07%
1997	2.81%	1.79%	10.66%	16.87%	2.15%		36.11%	222.90%	8.05%
1998	-7.53%	-3.70%	-9.81%	0.37%	-19.70%		-8.32%	126.05%	-6.62%
1999	5.42%	2.86%	5.71%	24.92%	12.77%		46.23%	-194.14%	10.99%
2000	2.93%	7.04%	11.52%	-27.36%	14.03%		107.46%	-122.94%	-2.53%
2001	-3.63%	-5.89%	-6.28%	-9.73%	6.58%		-70.08%	988.84%	-5.96%
2002	5.24%	3.55%	5.93%	21.87%	-1.93%		-26.00%	-89.16%	8.21%
2003	5.48%	-1.43%	-11.57%	4.93%	-20.95%		66.41%	758.06%	-1.68%
2004	-2.35%	0.93%	-2.78%	21.22%	5.74%		54.65%	-37.11%	4.57%
2005	-6.99%	-6.64%	-7.03%	6.42%	-9.39%		-78.41%	-90.35%	-3.49%
2006	1.30%	-0.39%	3.35%	12.12%	-6.46%		-39.29%	-728.59%	4.73%
2007	3.06%	-1.07%	2.10%	3.72%	13.74%		5.31%	100.86%	3.23%
2008	-4.88%	-7.38%	-4.15%	0.08%	-11.76%		514.41%	101.61%	-3.14%
2009	-4.52%	-4.18%	-9.49%	-25.88%	-15.21%		-29.87%	5.05%	-13.99%
2010	-6.40%	-4.13%	-1.88%	5.96%	-3.23%		-44.68%	-123.70%	-1.28%
2011	-2.20%	1.76%	0.67%	-8.80%	-7.74%		4.31%	-24.08%	-3.69%
2012	1.04%	1.25%	14.11%	4.30%	1.55%		-20.98%	13.87%	5.16%
2013	0.79%	2.29%	1.73%	-0.35%	4.70%		86.78%	36.16%	1.10%
2014	-6.46%	-8.26%	-2.95%	10.16%	15.93%		-39.10%	-21.38%	0.35%
2015	-13.45%	-5.65%	-2.55%	-5.81%	-19.74%		-7.09%	8.53%	-7.80%

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Percent of Total Sales by Type of Use (2015)



California Water Service Company - Dominguez District

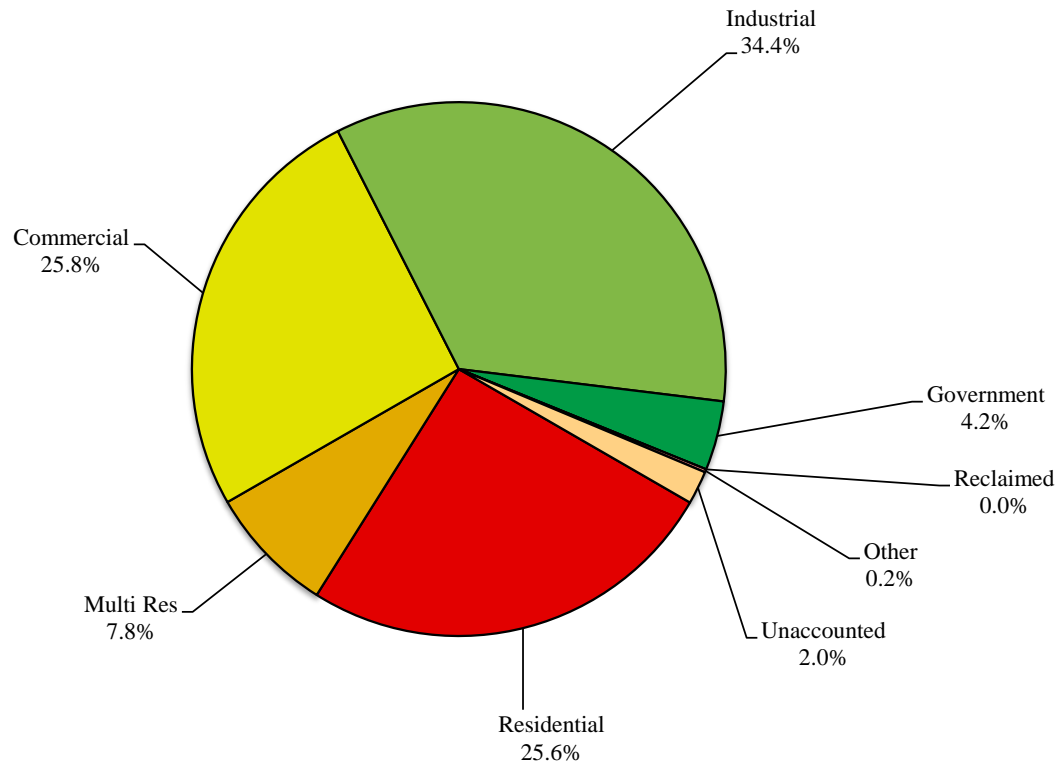
Worksheet 6

Water Supply and Demand Analysis and Projections

Percentage of Total Sales

Year	Residential	Multi Res	Commercial	Industrial	Government	Reclaimed	Other	Percent Total
1990								
1991								
1992	28.92%	9.31%	23.20%	32.28%	6.11%	0.00%	0.18%	100.00%
1993	30.89%	9.24%	24.12%	29.60%	5.99%	0.00%	0.16%	100.00%
1994	31.30%	9.27%	23.85%	28.59%	6.86%	0.00%	0.11%	100.00%
1995	29.22%	8.67%	22.88%	32.68%	6.28%	0.00%	0.26%	100.00%
1996	33.82%	9.84%	26.39%	22.89%	6.77%	0.00%	0.29%	100.00%
1997	32.18%	9.27%	27.03%	24.76%	6.40%	0.00%	0.36%	100.00%
1998	31.87%	9.56%	26.11%	26.61%	5.50%	0.00%	0.36%	100.00%
1999	30.27%	8.86%	24.86%	29.95%	5.59%	0.00%	0.47%	100.00%
2000	31.97%	9.73%	28.45%	22.32%	6.54%	0.00%	1.00%	100.00%
2001	32.76%	9.74%	28.35%	21.43%	7.41%	0.00%	0.32%	100.00%
2002	31.86%	9.32%	27.75%	24.13%	6.72%	0.00%	0.22%	100.00%
2003	34.18%	9.34%	24.96%	25.75%	5.40%	0.00%	0.37%	100.00%
2004	31.92%	9.02%	23.21%	29.85%	5.46%	0.00%	0.54%	100.00%
2005	30.76%	8.72%	22.35%	32.92%	5.13%	0.00%	0.12%	100.00%
2006	29.75%	8.29%	22.06%	35.24%	4.58%	0.00%	0.07%	100.00%
2007	29.70%	7.95%	21.82%	35.41%	5.05%	0.00%	0.07%	100.00%
2008	29.17%	7.60%	21.59%	36.59%	4.60%	0.00%	0.46%	100.00%
2009	32.38%	8.47%	22.72%	31.53%	4.53%	0.00%	0.37%	100.00%
2010	30.70%	8.22%	22.58%	33.84%	4.44%	0.00%	0.21%	100.00%
2011	31.18%	8.69%	23.60%	32.05%	4.26%	0.00%	0.23%	100.00%
2012	29.96%	8.37%	25.61%	31.79%	4.11%	0.00%	0.17%	100.00%
2013	29.87%	8.46%	25.77%	31.33%	4.26%	0.00%	0.31%	100.00%
2014	27.84%	7.74%	24.92%	34.39%	4.92%	0.00%	0.19%	100.00%
2015	26.13%	7.92%	26.34%	35.13%	4.28%	0.00%	0.19%	100.00%

Percent of Total Demand by Type of Use (2015)

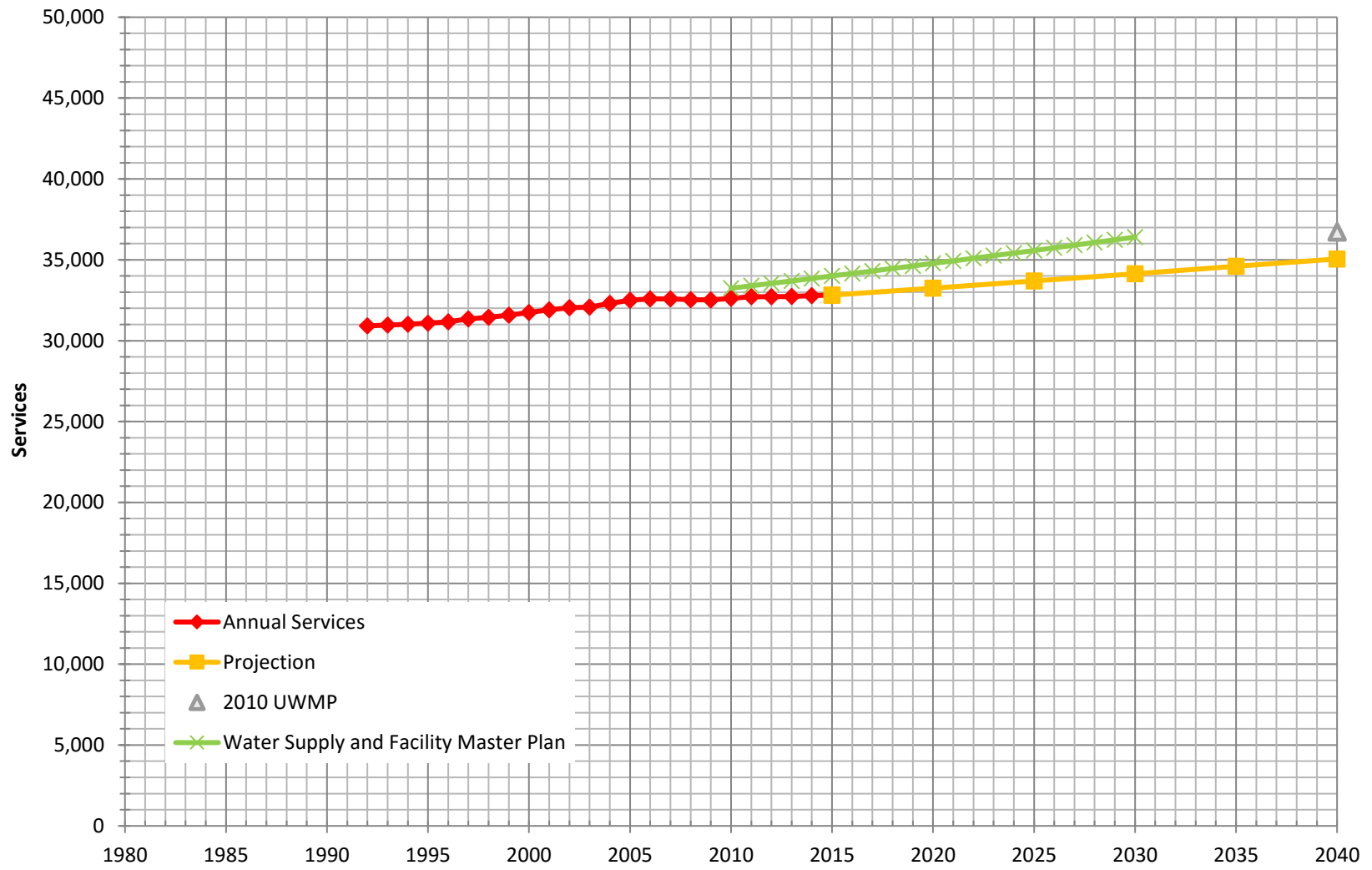


California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections
Percentage of Total Demand

Worksheet 7

Year	Residential	Multi Res	Commercial	Industrial	Government	Reclaimed	Other	Unaccounted	Percent Total
1990									
1991									
1992									
1993	30.41%	9.10%	23.74%	29.14%	5.90%	0.00%	0.16%	1.55%	100.00%
1994	29.27%	8.67%	22.31%	26.74%	6.42%	0.00%	0.11%	6.47%	100.00%
1995	28.76%	8.54%	22.52%	32.17%	6.18%	0.00%	0.25%	1.57%	100.00%
1996	33.72%	9.81%	26.31%	22.82%	6.75%	0.00%	0.29%	0.31%	100.00%
1997	31.89%	9.18%	26.78%	24.53%	6.34%	0.00%	0.36%	0.92%	100.00%
1998	31.17%	9.35%	25.53%	26.03%	5.38%	0.00%	0.35%	2.19%	100.00%
1999	30.86%	9.03%	25.35%	30.53%	5.70%	0.00%	0.48%	-1.94%	100.00%
2000	31.82%	9.68%	28.32%	22.22%	6.51%	0.00%	0.99%	0.44%	100.00%
2001	31.15%	9.26%	26.96%	20.37%	7.05%	0.00%	0.30%	4.92%	100.00%
2002	31.70%	9.27%	27.61%	24.01%	6.68%	0.00%	0.22%	0.52%	100.00%
2003	32.70%	8.94%	23.88%	24.64%	5.17%	0.00%	0.35%	4.33%	100.00%
2004	31.07%	8.78%	22.59%	29.06%	5.32%	0.00%	0.53%	2.65%	100.00%
2005	30.68%	8.70%	22.29%	32.83%	5.11%	0.00%	0.12%	0.27%	100.00%
2006	30.25%	8.43%	22.43%	35.83%	4.66%	0.00%	0.07%	-1.66%	100.00%
2007	30.68%	8.21%	22.53%	36.57%	5.21%	0.00%	0.07%	-3.28%	100.00%
2008	31.24%	8.14%	23.12%	39.18%	4.92%	0.00%	0.49%	-7.08%	100.00%
2009	35.23%	9.21%	24.72%	34.30%	4.93%	0.00%	0.40%	-8.79%	100.00%
2010	30.12%	8.07%	22.15%	33.20%	4.36%	0.00%	0.20%	1.90%	100.00%
2011	30.71%	8.56%	23.25%	31.56%	4.19%	0.00%	0.22%	1.51%	100.00%
2012	29.47%	8.23%	25.19%	31.27%	4.04%	0.00%	0.17%	1.63%	100.00%
2013	29.21%	8.28%	25.21%	30.65%	4.16%	0.00%	0.31%	2.18%	100.00%
2014	27.36%	7.61%	24.50%	33.80%	4.83%	0.00%	0.19%	1.72%	100.00%
2015	25.61%	7.76%	25.81%	34.43%	4.19%	0.00%	0.19%	2.02%	100.00%

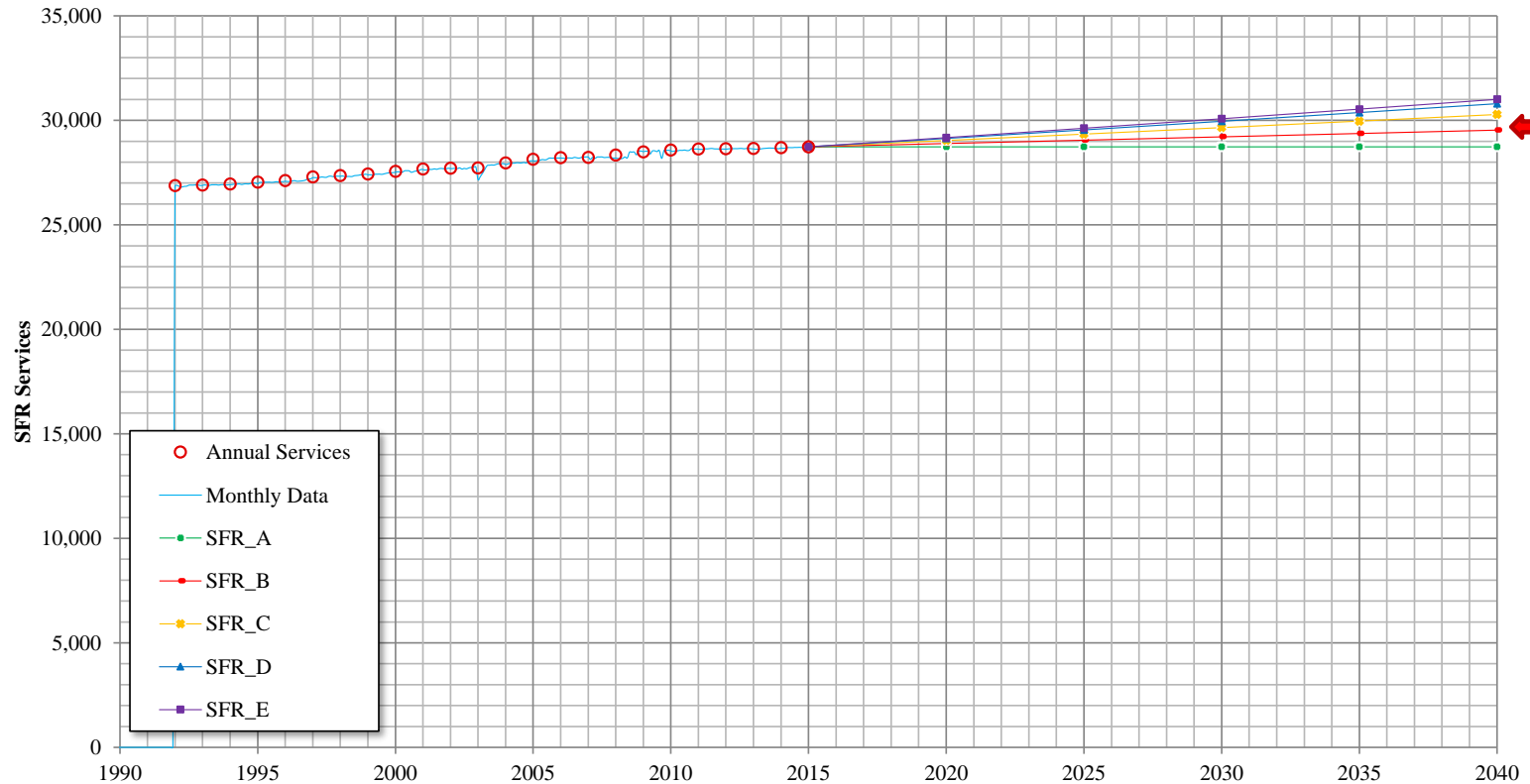
Historical & Projected Services



California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections

Customer Category		Selected Trend	Growth Rate	Actual Services				Projected Services					
				2000	2005	2010	Base Year 2015	2015	2020	2025	2030	2035	2040
SFR	SFR_D	15 Yr. Avg.	0.28%	27,561	28,136	28,573	28,733	28,733	29,134	29,542	29,955	30,373	30,798
MFR	MFR_E	20 Yr. Avg. Overall	0.27%	919	920	704	746	746	756	767	777	788	799
COM	COM_E	20 Yr. Avg.	0.14%	2,816	2,979	2,863	2,870	2,870	2,889	2,909	2,929	2,949	2,969
IND	IND_B	15 Yr. Avg. Overall	0.22%	133	160	162	158	158	160	162	164	165	167
GOV	GOV_A	Zero Growth Rate	0.00%	245	264	286	279	279	279	279	279	279	279
REC													
OTH	OTH_D	15 Yr. Avg.	0.88%	67	37	28	34	34	35	37	39	40	42
TOTAL		Average growth rate 2012-2040	0.26%	31,740	32,495	32,616	32,820	32,820	33,254	33,695	34,142	34,595	35,054

California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections
 SFR Historical & Projected Services

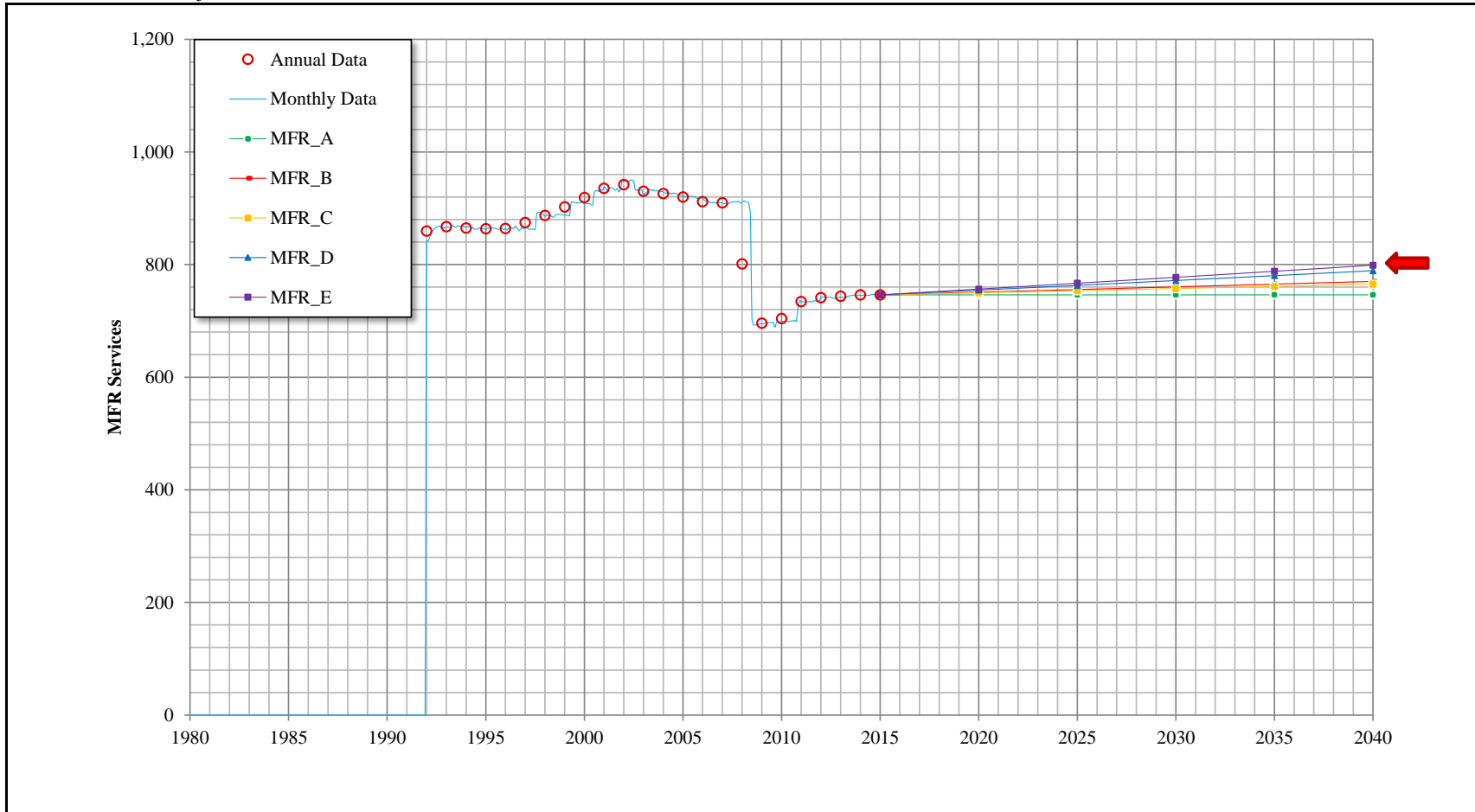


Customer Category	Trend		Growth Rate	Actual				Projected						
				2000	2005	2010	Base Year 2015	Services 2015	Services 2020	Services 2025	Services 2030	Services 2035	Services 2040	
SFR				27,561	28,136	28,573	28,733							
	SFR_A	Zero Growth Rate	0.00%				28,733	28,733	28,733	28,733	28,733	28,733	28,733	28,733
	SFR_B	5 Yr. Avg.	0.11%				28,733	28,733	28,891	29,050	29,211	29,372	29,534	
	SFR_C	10 Yr. Avg.	0.21%				28,733	28,733	29,036	29,342	29,651	29,964	30,280	
	> SFR_D	15 Yr. Avg.	0.28%				28,733	28,733	29,134	29,542	29,955	30,373	30,798	
	SFR_E	20 Yr. Avg.	0.31%				28,733	28,733	29,174	29,621	30,076	30,537	31,006	

California Water Service Company - Dominguez District

Water Supply and Demand Analysis and Projections

MFR Historical & Projected Services

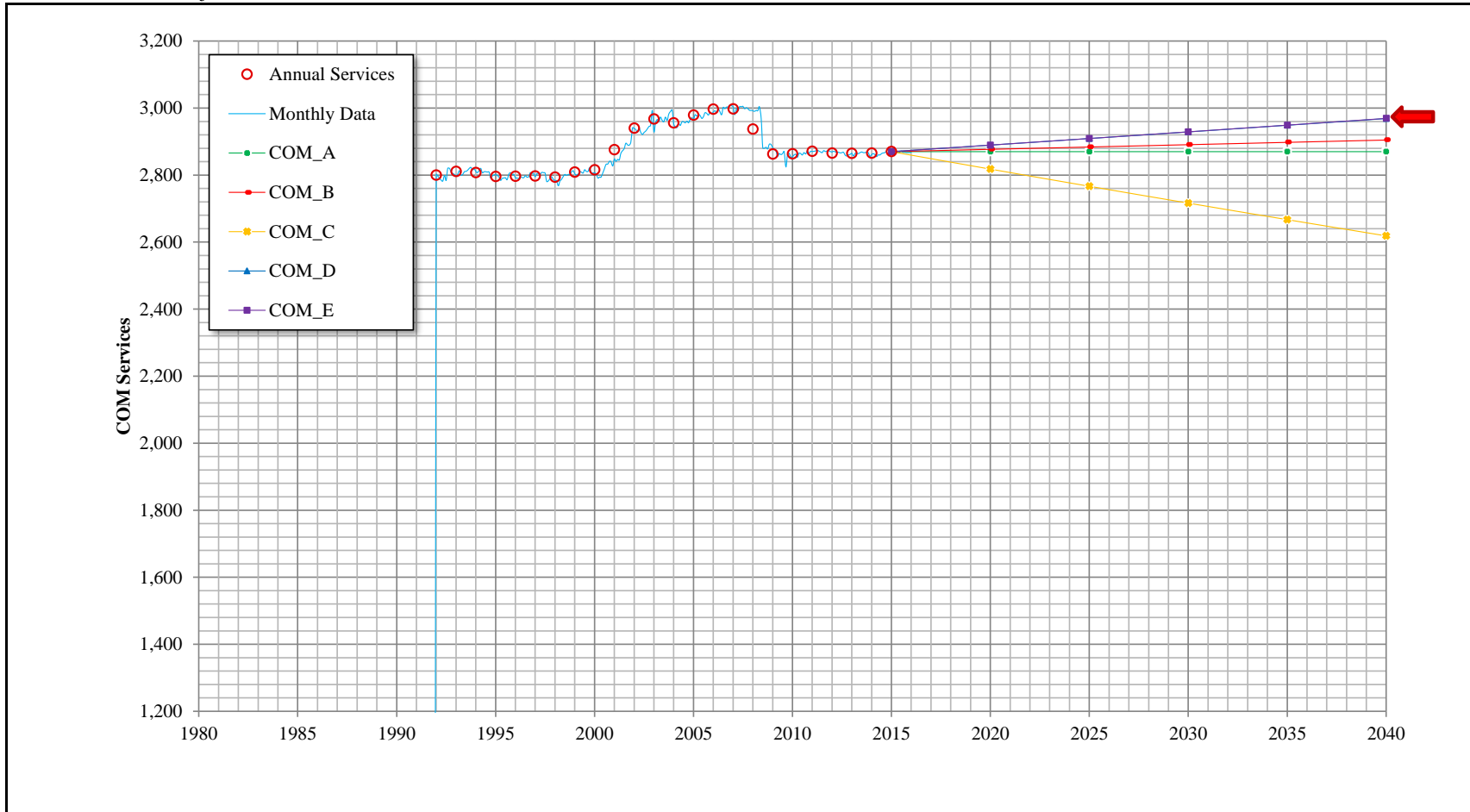


Customer Category	Trend	Growth Rate	Actual				Projected					
			2000	2005	2010	Base Year 2015	Services 2015	Services 2020	Services 2025	Services 2030	Services 2035	Services 2040
MFR			919	920	704	746	746	746	746	746	746	746
	MFR_A	Zero Growth Rate				746	746	746	746	746	746	746
	MFR_B	5 Yr. Avg. Overall				746	746	751	756	760	765	770
	MFR_C	10 Yr. Avg. Overall				746	746	750	754	758	761	765
	MFR_D	15 Yr. Avg. Overall				746	746	755	763	772	780	789
	> MFR_E	20 Yr. Avg. Overall				746	746	756	767	777	788	799

California Water Service Company - Dominguez District

Water Supply and Demand Analysis and Projections

COM Historical & Projected Services

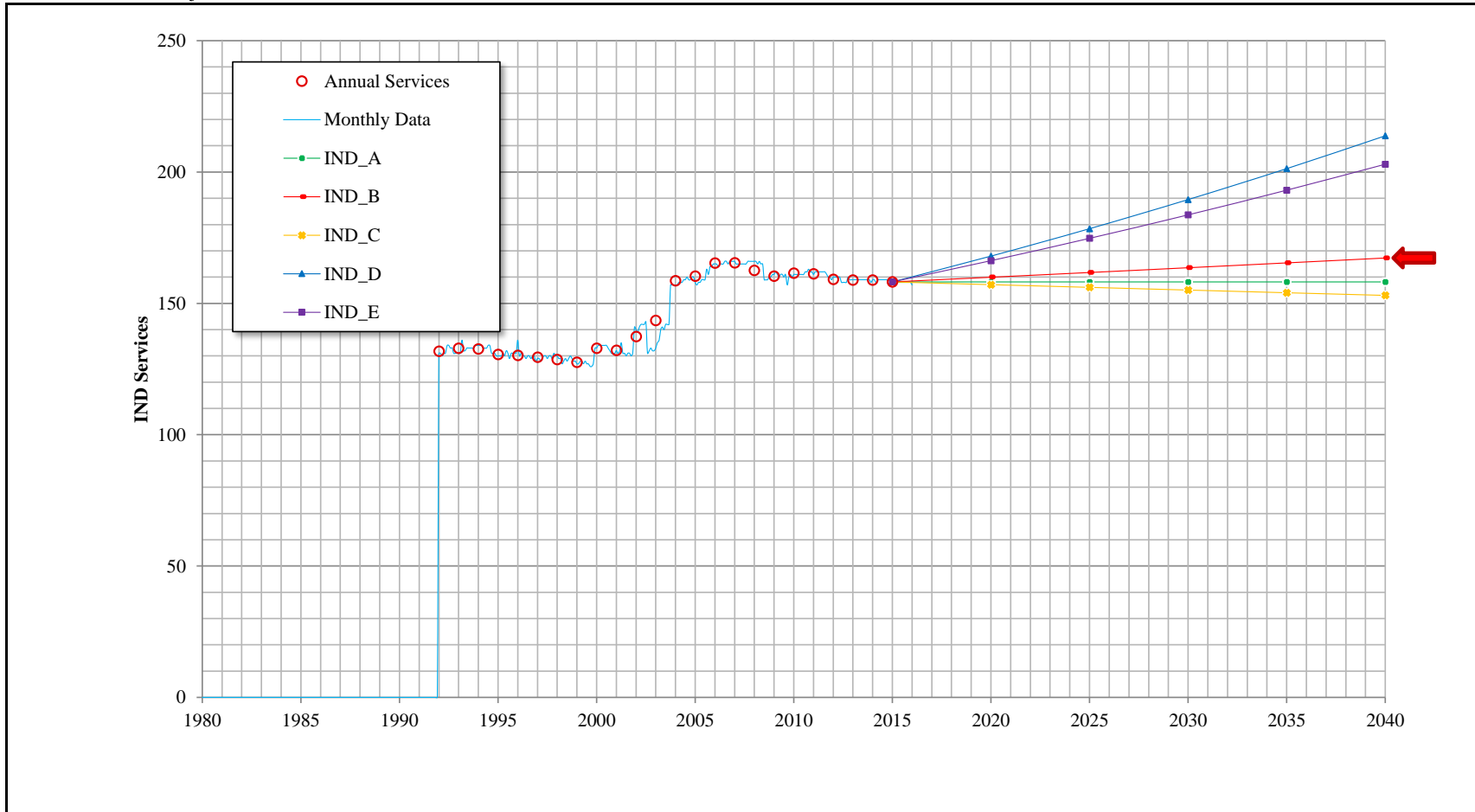


Customer Category	Trend	Growth Rate	Actual				Projected							
			2000	2005	2010	Base Year 2015	Services 2015	Services 2020	Services 2025	Services 2030	Services 2035	Services 2040		
COM			2,816	2,979	2,863	2,870								
	COM_A	Zero Growth Rate				2,870	2,870	2,870	2,870	2,870	2,870	2,870	2,870	2,870
	COM_B	5 Yr. Avg.				2,870	2,870	2,877	2,884	2,891	2,898	2,898	2,905	2,905
	COM_C	10 Yr. Avg.				2,870	2,870	2,818	2,767	2,716	2,667	2,667	2,619	2,619
	COM_D	15 Yr. Avg.				2,870	2,870	2,889	2,909	2,929	2,949	2,949	2,969	2,969
	> COM_E	20 Yr. Avg.				2,870	2,870	2,889	2,909	2,929	2,949	2,949	2,969	2,969

California Water Service Company - Dominguez District

Water Supply and Demand Analysis and Projections

IND Historical & Projected Services

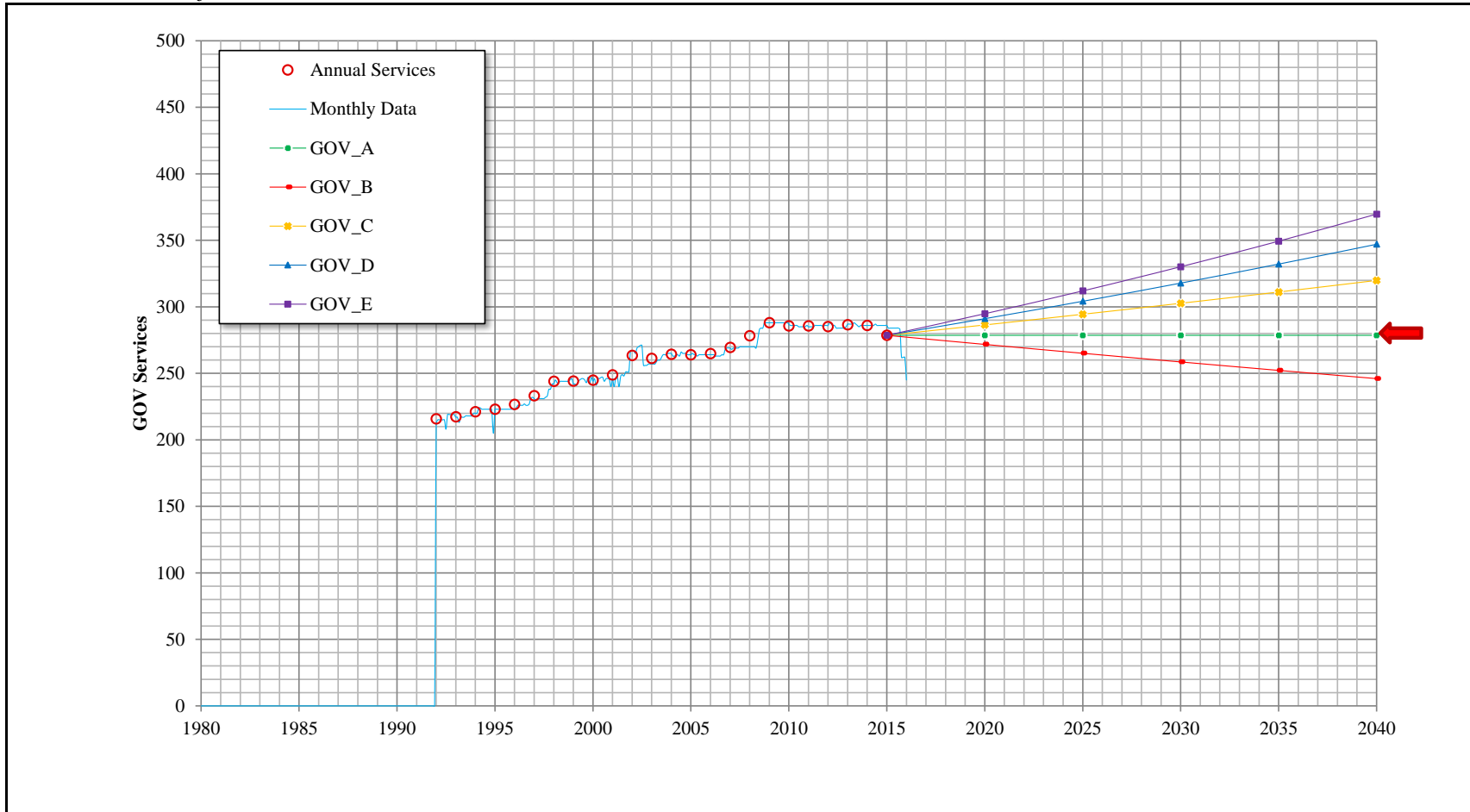


Customer Category	Trend	Growth Rate	Actual				Projected					
			2000	2005	2010	Base Year 2015	Services 2015	Services 2020	Services 2025	Services 2030	Services 2035	Services 2040
IND			133	160	162	158	158	158	158	158	158	158
	>	IND_A	Zero Growth Rate	0.00%			158	158	158	158	158	158
		IND_B	15 Yr. Avg. Overall	0.22%			158	158	160	162	164	165
		IND_C	10 Yr. Avg.	-0.13%			158	158	157	156	155	154
		IND_D	15 Yr. Avg.	1.21%			158	158	168	178	190	201
		IND_E	20 Yr. Avg.	1.00%			158	158	166	175	184	193

California Water Service Company - Dominguez District

Water Supply and Demand Analysis and Projections

GOV Historical & Projected Services

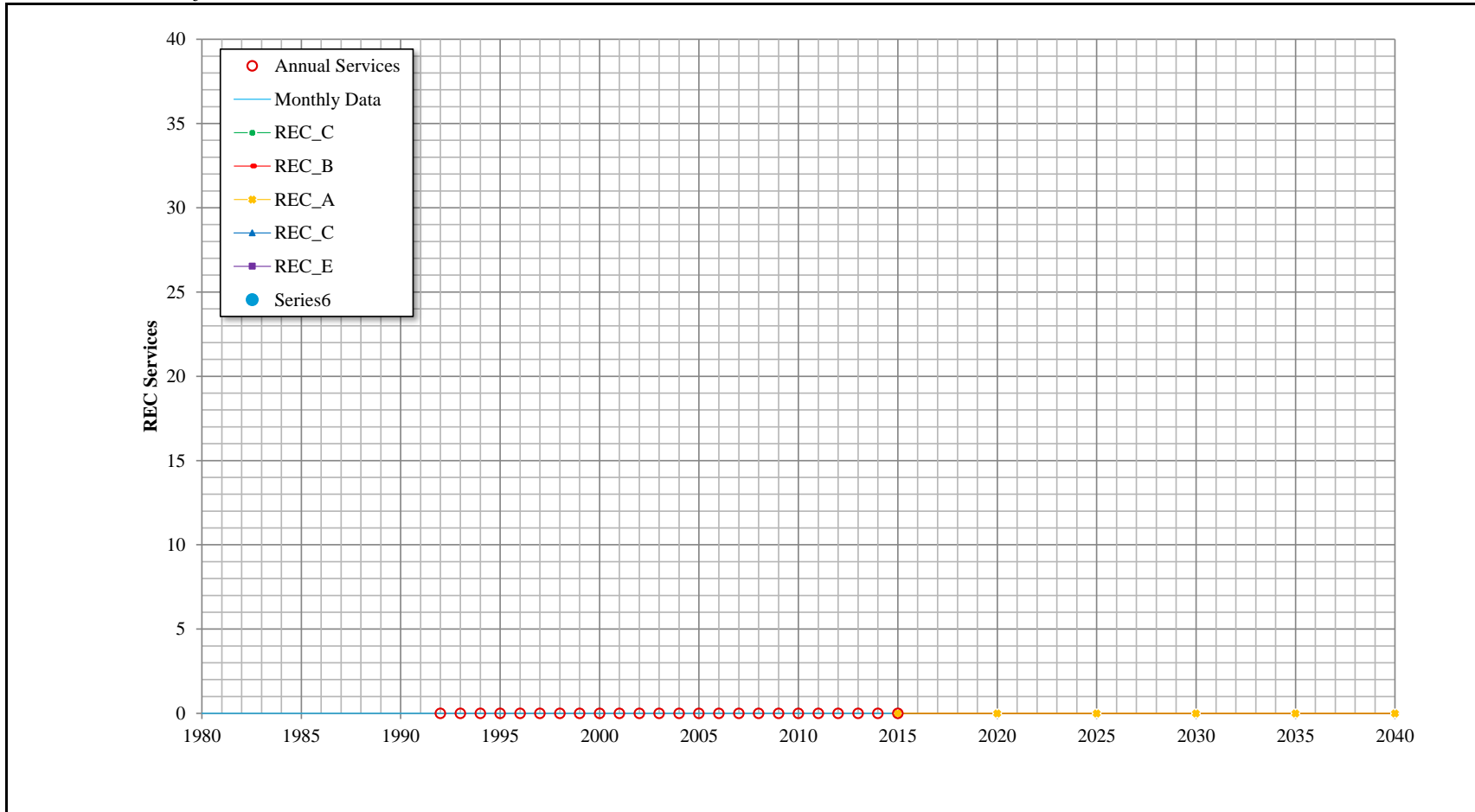


Customer Category	Trend	Growth Rate	Actual				Projected					
			2000	2005	2010	Base Year 2015	Services 2015	Services 2020	Services 2025	Services 2030	Services 2035	Services 2040
GOV	>		245	264	286	279	279	279	279	279	279	279
	GOV_A	Zero Growth Rate				279	279	279	279	279	279	279
	GOV_B	5 Yr. Avg.				279	279	272	265	259	252	246
	GOV_C	10 Yr. Avg.				279	279	286	294	303	311	320
	GOV_D	15 Yr. Avg.				279	279	291	304	318	332	347
	GOV_E	20 Yr. Avg.				279	279	295	312	330	349	370

California Water Service Company - Dominguez District

Water Supply and Demand Analysis and Projections

REC Historical & Projected Services

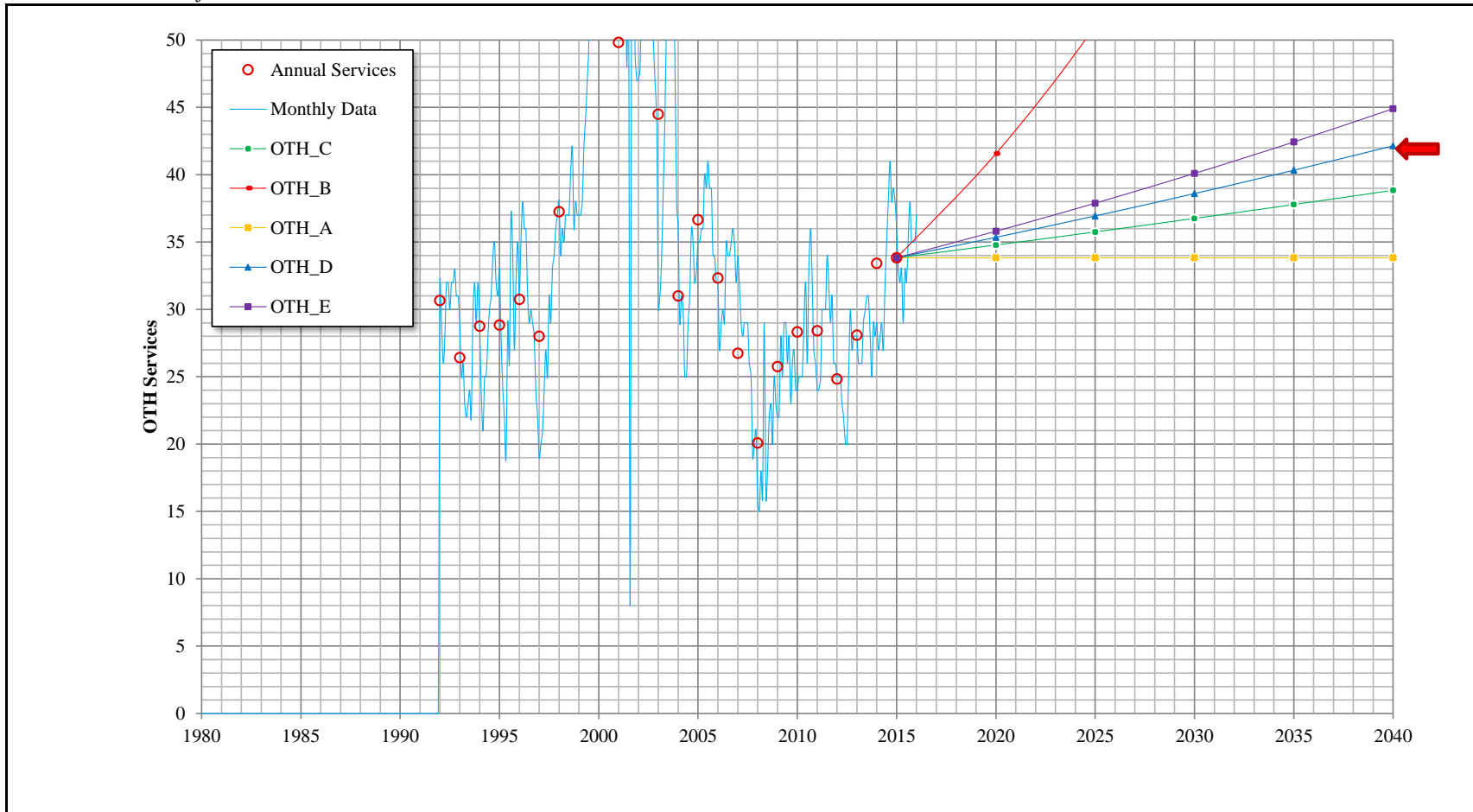


Customer Category	Trend	Growth Rate	Actual			Base Year	Projected							
			2000	2005	2010		Services 0	Services 0	Services 0	Services 0	Services 0	Services 0		
REC			0	0	0	0	0	0	0	0	0	0	0	0
	REC_A	Zero Growth Rate	0.00%			0	0	0	0	0	0	0	0	0
	REC_B	5 Yr. Avg.	0.00%			0	0	0	0	0	0	0	0	0
	REC_C	10 Yr. Avg.	0.00%			0	0	0	0	0	0	0	0	0
	REC_D	15 Yr. Avg.	0.00%			0	0	0	0	0	0	0	0	0
	REC_E	20 Yr. Avg.	0.00%			0	0	0	0	0	0	0	0	0
	> REC_F	User	1.00%			0	0	0	0	0	0	0	0	0

California Water Service Company - Dominguez District

Water Supply and Demand Analysis and Projections

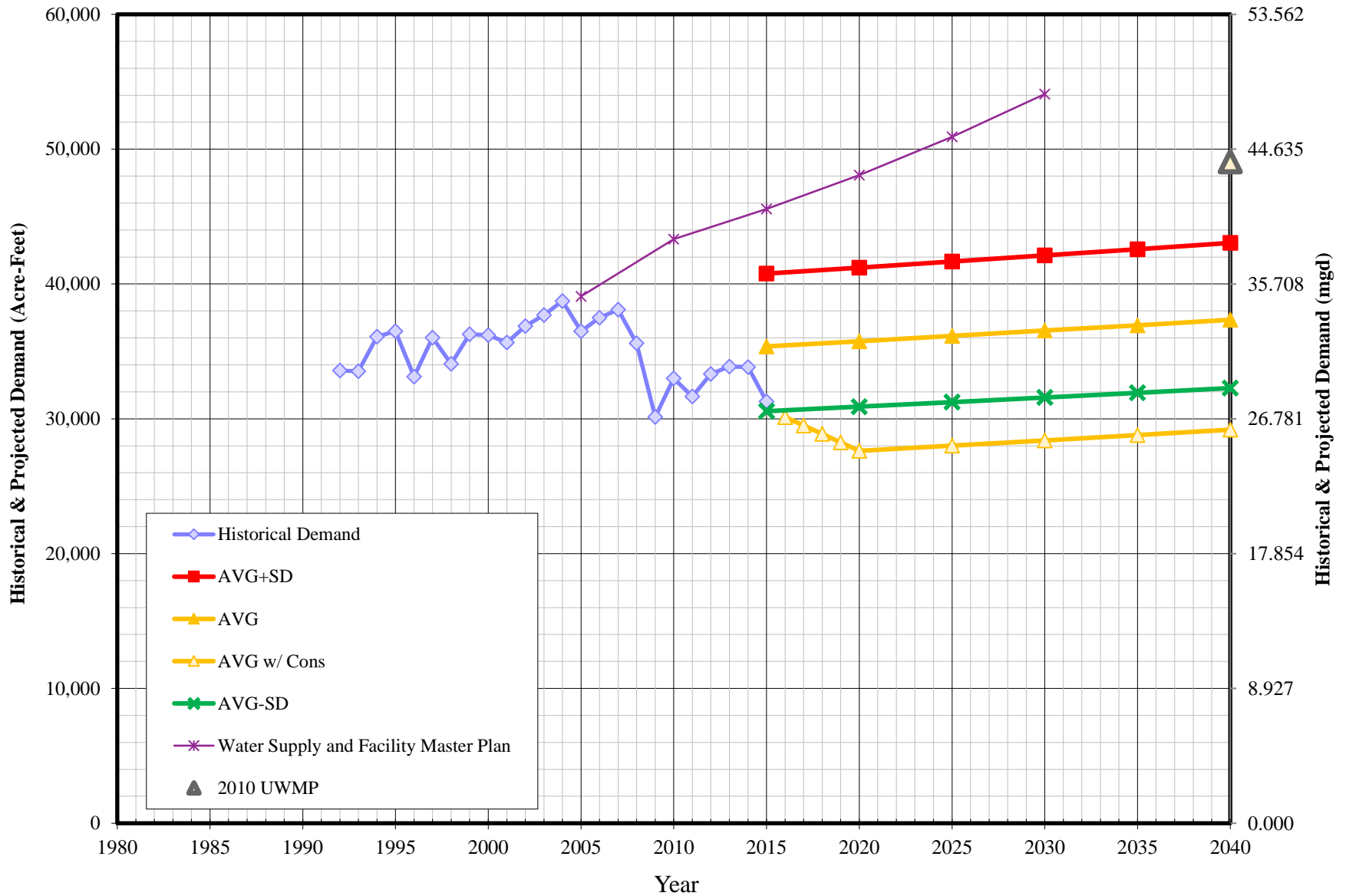
OTH Historical & Projected Services



Customer Category	Trend	Growth Rate	Actual				Projected							
			2000	2005	2010	Base Year 2015	Services 2015	Services 2020	Services 2025	Services 2030	Services 2035	Services 2040		
OTH			67	37	28	34								
	OTH_A	Zero Growth Rate				34	34	34	34	34	34	34	34	34
	OTH_B	5 Yr. Avg.				34	34	42	51	63	77	95		
	OTH_C	10 Yr. Avg.				34	34	35	36	37	38	39		
	> OTH_D	15 Yr. Avg.				34	34	35	37	39	40	42		
	OTH_E	20 Yr. Avg.				34	34	36	38	40	42	45		

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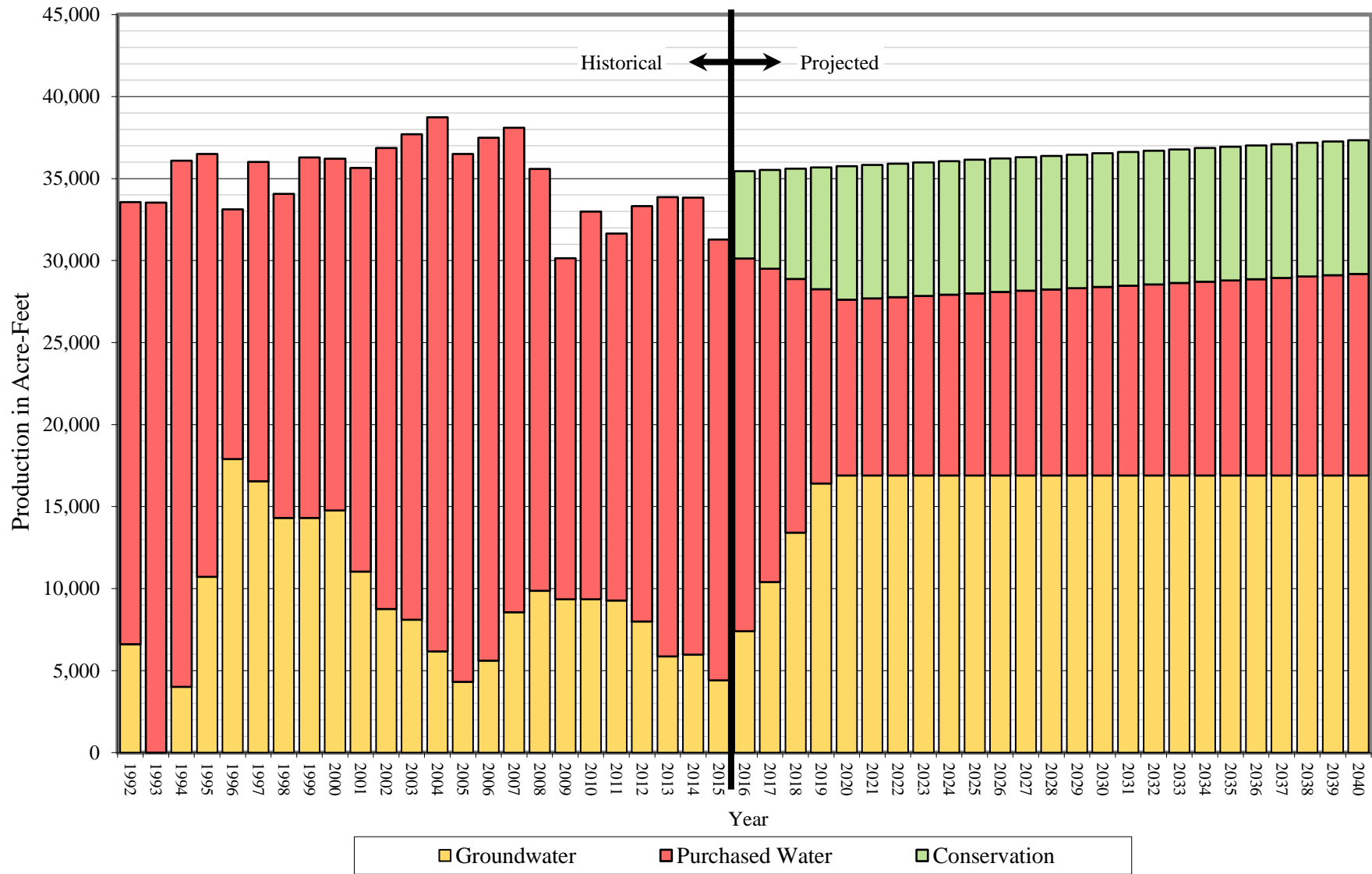
Historical & Projected Demand (DOM) (without recycled water)



California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections

Customer Category	Actual Demand (AFY)							Projected Demand (AFY)						
	1980	1985	1990	1995	2000	2005	2010	2015	2015	2020	2025	2030	2035	2040
SFR				10,497	11,524	11,196	9,937	8,012	11,992	12,160	12,330	12,502	12,677	12,854
									10,876	11,028	11,182	11,338	11,497	11,657
									9,759	9,895	10,033	10,174	10,316	10,460
MFR				3,116	3,507	3,174	2,661	2,428	2,845	2,884	2,923	2,964	3,004	3,045
									2,729	2,766	2,804	2,843	2,882	2,921
									2,613	2,649	2,685	2,722	2,759	2,797
COM				8,221	10,255	8,137	7,308	8,077	8,797	8,857	8,917	8,978	9,039	9,101
									7,976	8,031	8,086	8,141	8,196	8,252
									7,156	7,205	7,254	7,303	7,353	7,403
IND				11,741	8,046	11,982	10,953	10,772	12,940	13,086	13,233	13,382	13,532	13,685
									11,418	11,547	11,677	11,808	11,941	12,075
									9,896	10,008	10,120	10,234	10,349	10,466
GOV				2,257	2,358	1,867	1,438	1,312	2,233	2,233	2,233	2,233	2,233	2,233
									1,661	1,661	1,661	1,661	1,661	1,661
									1,089	1,089	1,089	1,089	1,089	1,089
REC				0	0	0	0	0	0	0	0	0	0	0
									0	0	0	0	0	0
									0	0	0	0	0	0
OTH				92	359	44	67	59	178	186	194	203	212	221
									115	120	125	131	137	143
									51	54	56	59	61	64
UAWF				573	161	99	628	631	1,784	1,807	1,831	1,856	1,880	1,905
									595	603	611	619	628	636
									0	0	0	0	0	0
TOTAL (AFY)				36,497	36,210	36,499	32,992	31,291	40,769	41,212	41,662	42,117	42,578	43,045
									35,370	35,755	36,145	36,540	36,940	37,345
									30,564	30,898	31,237	31,580	31,927	32,279
TOTAL (MGD)				32.583	32.326	32.584	29.454	27.934	36.396	36.792	37.193	37.600	38.011	38.428
									31.576	31.920	32.268	32.621	32.978	33.339
									27.286	27.584	27.887	28.193	28.503	28.817

Historical and Projected Distribution of Demand by Source



California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections
Historical and Projected Distribution of Demand by Source

Worksheet 10

Year	Purchased Water		Ground Water		Reclaimed Water		Conservation		Total	
	MGD	AFY	MGD	AFY	MGD	AFY	MGD	AFY	MGD	AFY
1980										
1981										
1982										
1983										
1984										
1985										
1986										
1987										
1988										
1989										
1990										
1991										
1992	24.07	26,965	5.90	6,607	0.00	0			29.97	33,572
1993	29.93	33,529	0.00	0	0.00	0			29.93	33,529
1994	28.65	32,090	3.58	4,006	0.00	0			32.22	36,096
1995	23.02	25,784	9.56	10,713	0.00	0			32.58	36,497
1996	13.60	15,234	15.97	17,893	0.00	0			29.57	33,127
1997	17.38	19,464	14.78	16,550	0.00	0			32.15	36,014
1998	17.64	19,759	12.78	14,310	0.00	0			30.41	34,069
1999	19.62	21,980	12.77	14,303	0.00	0			32.39	36,283
2000	19.15	21,454	13.17	14,756	0.00	0			32.33	36,210
2001	21.98	24,622	9.85	11,032	0.00	0			31.83	35,654
2002	25.10	28,113	7.82	8,759	0.00	0			32.92	36,872
2003	26.42	29,600	7.23	8,099	0.00	0			33.66	37,699
2004	29.08	32,570	5.51	6,171	0.00	0			34.59	38,740
2005	28.73	32,184	3.85	4,315	0.00	0			32.58	36,499
2006	28.47	31,885	5.01	5,612	0.00	0			33.48	37,498
2007	26.38	29,548	7.63	8,552	0.00	0			34.01	38,100
2008	22.97	25,726	8.81	9,869	0.00	0			31.78	35,596
2009	18.56	20,784	8.35	9,351	0.00	0			26.90	30,136
2010	21.11	23,645	8.34	9,347	0.00	0			29.45	32,992

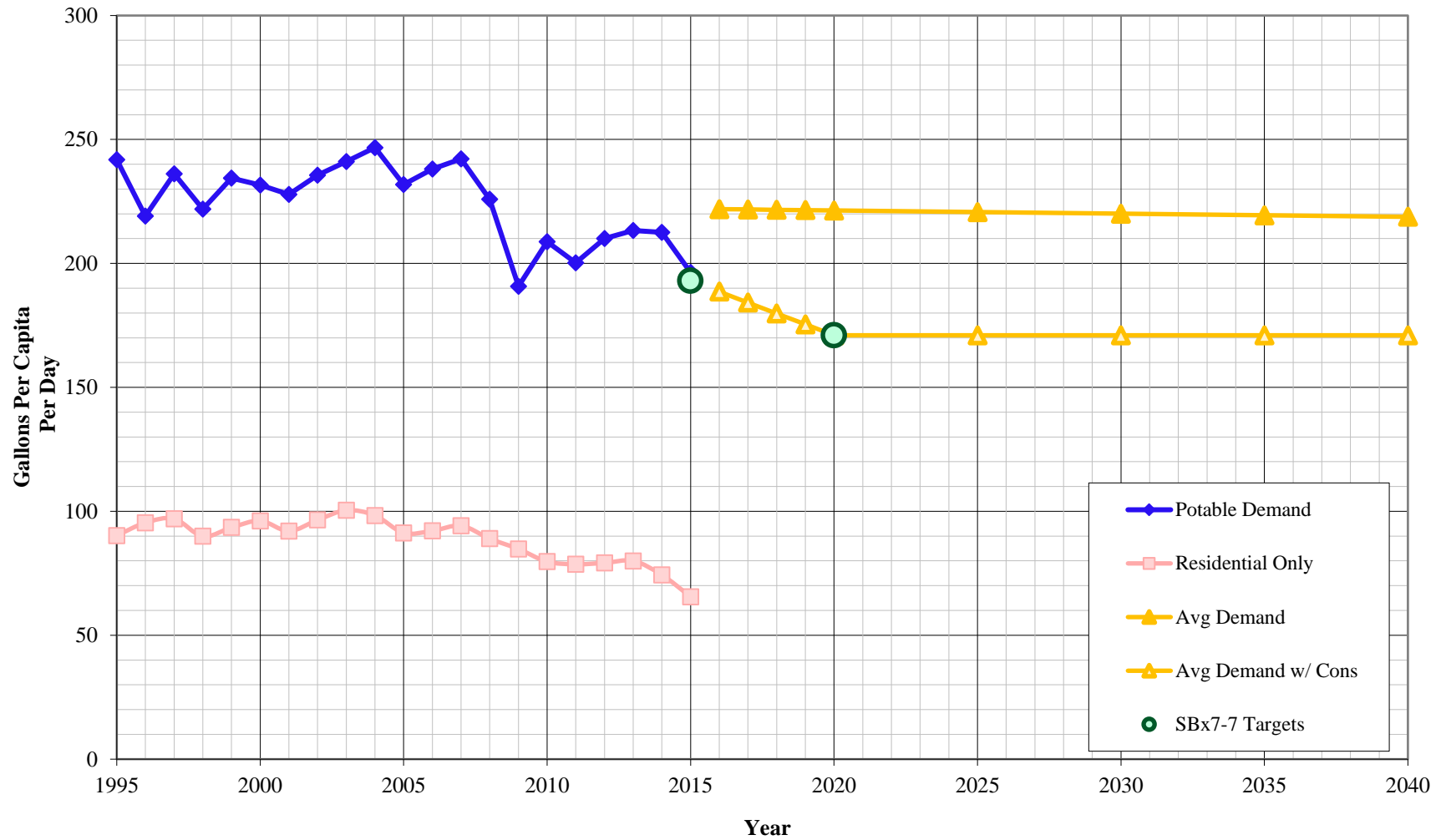
Year	Purchased Water		Ground Water		Reclaimed Water		Conservation		Total	
	MGD	AFY	MGD	AFY	MGD	AFY	MGD	AFY	MGD	AFY
2011	19.97	22,371	8.28	9,275	0.00	0	0.00	0	28.25	31,646
2012	22.61	25,330	7.13	7,991	0.00	0	0.00	0	29.75	33,321
2013	25.00	28,005	5.24	5,872	0.00	0	0.00	0	30.24	33,877
2014	24.87	27,858	5.34	5,977	0.00	0	0.00	0	30.21	33,835
2015	24.00	26,886	3.93	4,405	0.00	0	0.00	0	27.93	31,291
2016	20.29	22,726	6.61	7,405	0.00	0	4.75	5,316	31.64	35,446
2017	17.06	19,104	9.29	10,405	0.00	0	5.37	6,014	31.71	35,523
2018	13.82	15,479	11.97	13,405	0.00	0	6.00	6,717	31.78	35,600
2019	10.58	11,850	14.65	16,405	0.00	0	6.63	7,423	31.85	35,678
2020	9.57	10,725	15.08	16,897	0.00	0	7.26	8,133	31.92	35,755
2021	9.64	10,801	15.08	16,897	0.00	0	7.26	8,134	31.99	35,833
2022	9.71	10,878	15.08	16,897	0.00	0	7.26	8,136	32.06	35,910
2023	9.78	10,954	15.08	16,897	0.00	0	7.26	8,137	32.13	35,988
2024	9.85	11,031	15.08	16,897	0.00	0	7.27	8,138	32.20	36,067
2025	9.92	11,108	15.08	16,897	0.00	0	7.27	8,140	32.27	36,145
2026	9.99	11,186	15.08	16,897	0.00	0	7.27	8,141	32.34	36,224
2027	10.06	11,263	15.08	16,897	0.00	0	7.27	8,142	32.41	36,303
2028	10.12	11,341	15.08	16,897	0.00	0	7.27	8,143	32.48	36,382
2029	10.19	11,419	15.08	16,897	0.00	0	7.27	8,145	32.55	36,461
2030	10.26	11,497	15.08	16,897	0.00	0	7.27	8,146	32.62	36,540
2031	10.33	11,576	15.08	16,897	0.00	0	7.27	8,147	32.69	36,620
2032	10.40	11,654	15.08	16,897	0.00	0	7.27	8,148	32.76	36,699
2033	10.47	11,733	15.08	16,897	0.00	0	7.28	8,149	32.83	36,779
2034	10.55	11,812	15.08	16,897	0.00	0	7.28	8,150	32.91	36,860
2035	10.62	11,891	15.08	16,897	0.00	0	7.28	8,152	32.98	36,940
2036	10.69	11,971	15.08	16,897	0.00	0	7.28	8,153	33.05	37,021
2037	10.76	12,051	15.08	16,897	0.00	0	7.28	8,154	33.12	37,101
2038	10.83	12,131	15.08	16,897	0.00	0	7.28	8,155	33.19	37,182
2039	10.90	12,211	15.08	16,897	0.00	0	7.28	8,156	33.27	37,264
2040	10.97	12,291	15.08	16,897	0.00	0	7.28	8,157	33.34	37,345

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|
ACTUAL

PROJECTED

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Gross Per Capita Consumption (DOM)

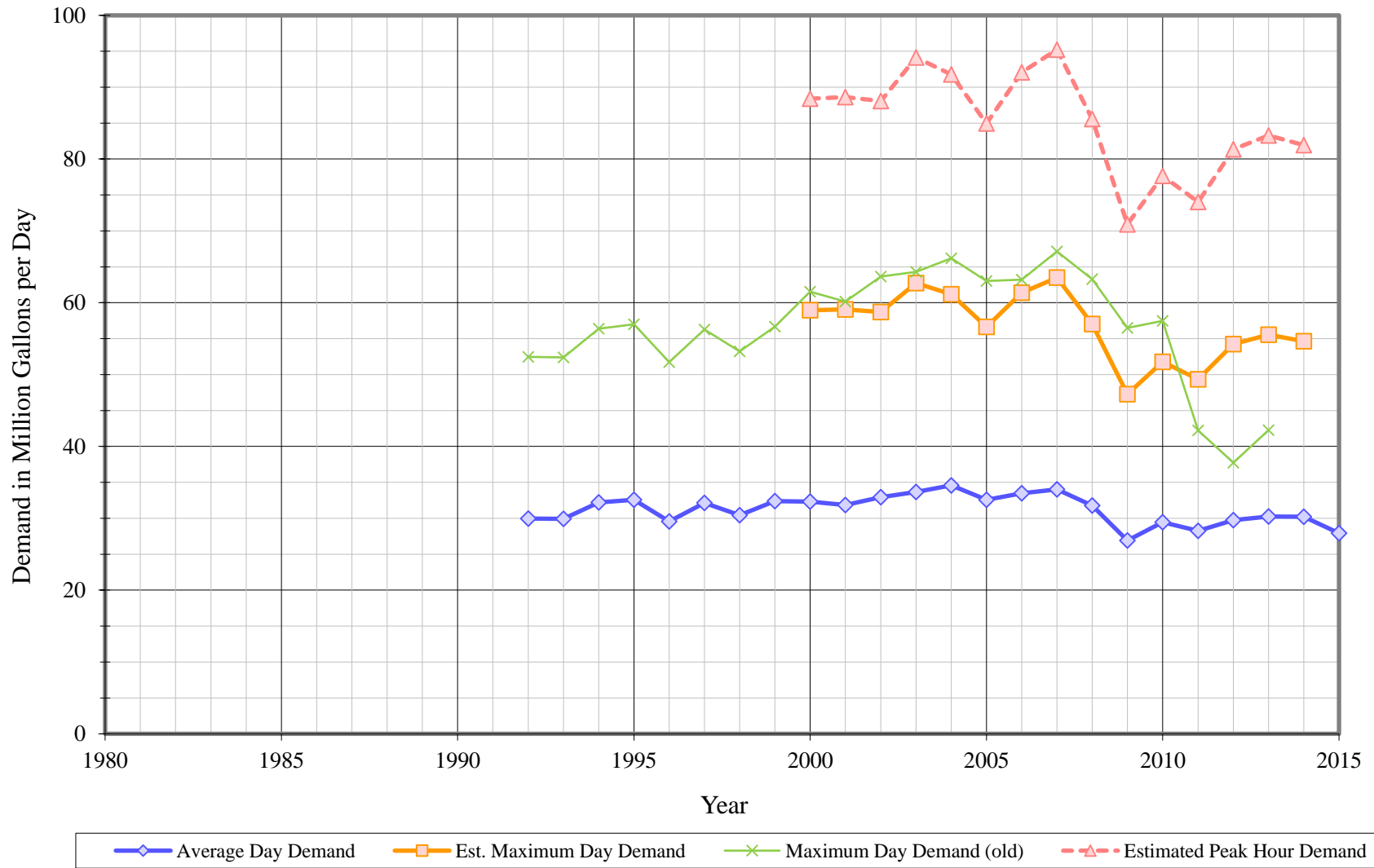


California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections
Gross Per Capita Water Demand Calculation

Year	POP	Historical						Projected					
		Gross Demand		Potable Demand		Residential Only		Avg Demand		Avg Potable Demand		Avg Demand w/ Cons	
		Usage (AFY)	Per Capita (GPCPD)	Usage (AFY)	Per Capita (GPCPD)	Usage (AFY)	Per Capita (GPCPD)	Demand (AFY)	Per Capita (GPCPD)	Demand (AFY)	Per Capita (GPCPD)	Demand (AFY)	Per Capita (GPCPD)
1995	134,702	36,497	242	36,497	242	13,614	90						
1996	134,967	33,127	219	33,127	219	14,420	95						
1997	136,136	36,014	236	36,014	236	14,792	97						
1998	137,060	34,069	222	34,069	222	13,805	90						
1999	138,195	36,283	234	36,283	234	14,472	93						
2000	139,558	36,210	232	36,210	232	15,030	96						
2001	139,731	35,654	228	35,654	228	14,405	92						
2002	139,709	36,872	236	36,872	236	15,105	97						
2003	139,584	37,699	241	37,699	241	15,696	100						
2004	140,175	38,740	247	38,740	247	15,438	98						
2005	140,545	36,499	232	36,499	232	14,370	91						
2006	140,614	37,498	238	37,498	238	14,503	92						
2007	140,485	38,100	242	38,100	242	14,817	94						
2008	140,679	35,596	226	35,596	226	14,016	89						
2009	141,021	30,136	191	30,136	191	13,393	85						
2010	141,105	32,992	209	32,992	209	12,598	80						
2011	141,093	31,646	200	31,646	200	12,427	79						
2012	141,626	33,321	210	33,321	210	12,562	79						
2013	141,801	33,877	213	33,877	213	12,702	80						
2014	142,111	33,835	213	33,835	213	11,831	74						
2015	142,231	31,291	196	31,291	196	10,440	66						
2016	142,624							35,446	222	35,446	222	30,131	189
2017	143,018							35,523	222	35,523	222	29,509	184
2018	143,413							35,600	222	35,600	222	28,884	180
2019	143,809							35,678	221	35,678	221	28,255	175
2020	144,206							35,755	221	35,755	221	27,622	171
2025	146,208							36,145	221	36,145	221	28,005	171
2030	148,238							36,540	220	36,540	220	28,394	171
2035	150,296							36,940	219	36,940	219	28,788	171
2040	152,383							37,345	219	37,345	219	29,188	171

<i>SBx7-7 Targets</i>	
2015	193
2020	171

Average Day, Maximum Day, Peak Demand



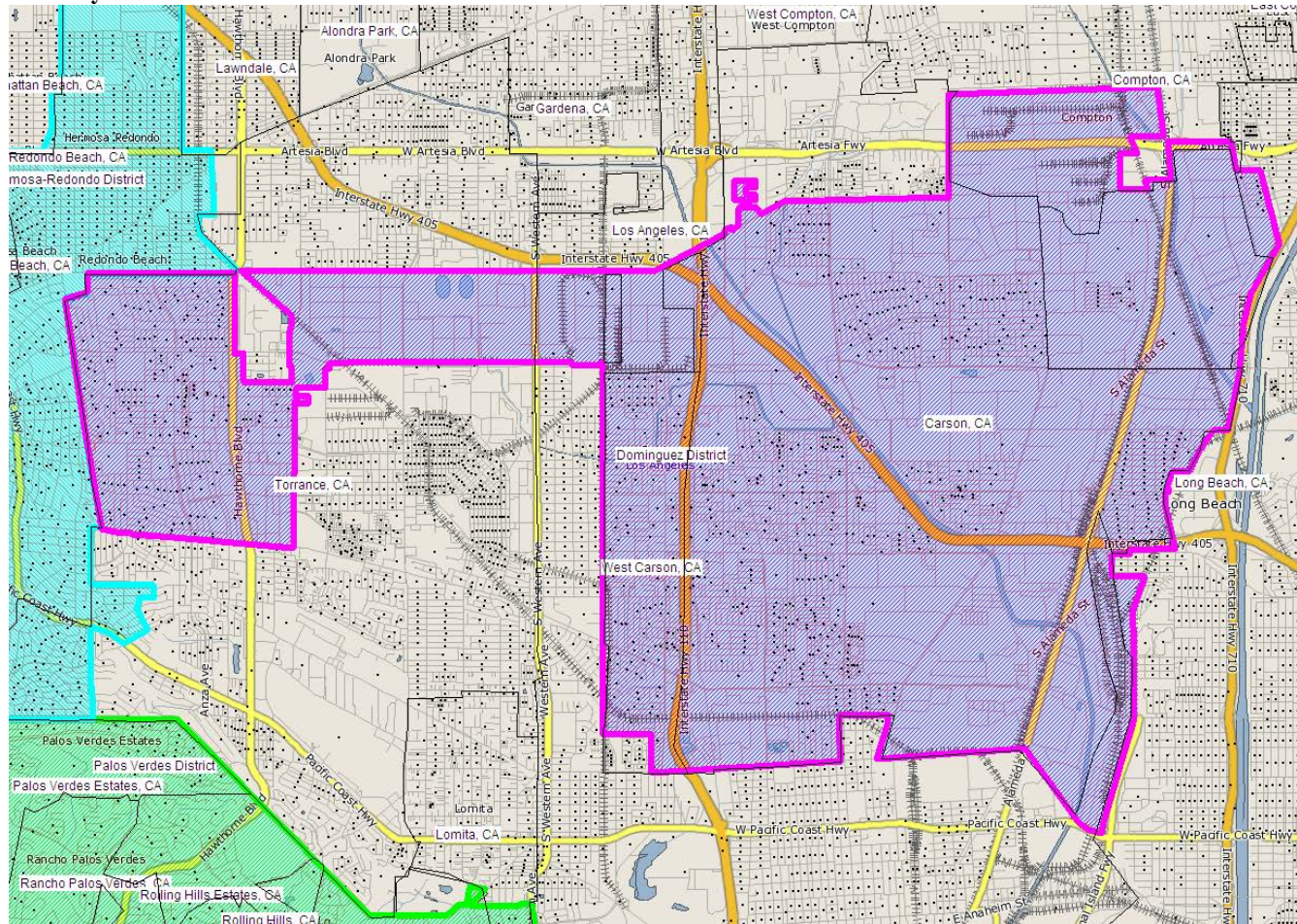
California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections
Historical and Projected Average Day, Maximum Day, and Peak Demand

Year	Historical Annual Demand		Average Day Demand		Est. Maximum Day Demand		MDD ADD Ratio	Estimated Peak Hour Demand		PHD MDD Ratio	PHD ADD Ratio	Measured Peak Hour Demand		PHD MDD Ratio
	(AFY)	(MGY)	(MGD)	Per Service (GPD)	(MGD)	Per Service (GPD)		(MGD)	(GPM)			(MGD)	(GPM)	
1980														
1981														
1982														
1983														
1984														
1985														
1986														
1987														
1988														
1989														
1990														
1991														
1992	33,572	10,940	29.97	970										
1993	33,529	10,925	29.93	967										
1994	36,096	11,762	32.22	1,039										
1995	36,497	11,893	32.58	1,048										
1996	33,127	10,794	29.57	949										
1997	36,014	11,735	32.15	1,025										
1998	34,069	11,101	30.41	967										
1999	36,283	11,823	32.39	1,026										
2000	36,210	11,799	32.33	1,018	58.95	1,857	1.82	88.42	61,403	1.50	2.74			
2001	35,654	11,618	31.83	998	59.08	1,852	1.86	88.62	61,545	1.50	2.78			
2002	36,872	12,015	32.92	1,027	58.72	1,832	1.78	88.08	61,164	1.50	2.68			
2003	37,699	12,284	33.66	1,049	62.75	1,957	1.86	94.13	65,370	1.50	2.80			
2004	38,740	12,624	34.59	1,071	61.19	1,894	1.77	91.78	63,735	1.50	2.65			
2005	36,499	11,893	32.58	1,003	56.64	1,743	1.74	84.96	59,003	1.50	2.61			
2006	37,498	12,219	33.48	1,027	61.38	1,884	1.83	92.07	63,936	1.50	2.75			
2007	38,100	12,415	34.01	1,044	63.49	1,948	1.87	95.23	66,134	1.50	2.80			
2008	35,596	11,599	31.78	977	57.05	1,754	1.80	85.57	59,427	1.50	2.69			
2009	30,136	9,820	26.90	827	47.28	1,454	1.76	70.92	49,252	1.50	2.64			
2010	32,992	10,751	29.45	903	51.76	1,587	1.76	77.65	53,920	1.50	2.64			
2011	31,646	10,312	28.25	864	49.36	1,509	1.75	74.04	51,415	1.50	2.62			
2012	33,321	10,858	29.75	909	54.24	1,658	1.82	81.36	56,497	1.50	2.73			
2013	33,877	11,039	30.24	924	55.53	1,697	1.84	83.30	57,848	1.50	2.75			
2014	33,835	11,025	30.21	921	54.63	1,666	1.81	81.94	56,903	1.50	2.71			
2015	31,291	10,196	27.93	851										
10 year Average			30.20	925	55.14	1,690	1.80	82.70	57,434	1.50	2.69			
5 year Average			29.28	894	53.10	1,623	1.79	79.66	55,317	1.50	2.69			

California Water Service Company - Dominguez District

Water Supply and Demand Analysis and Projections

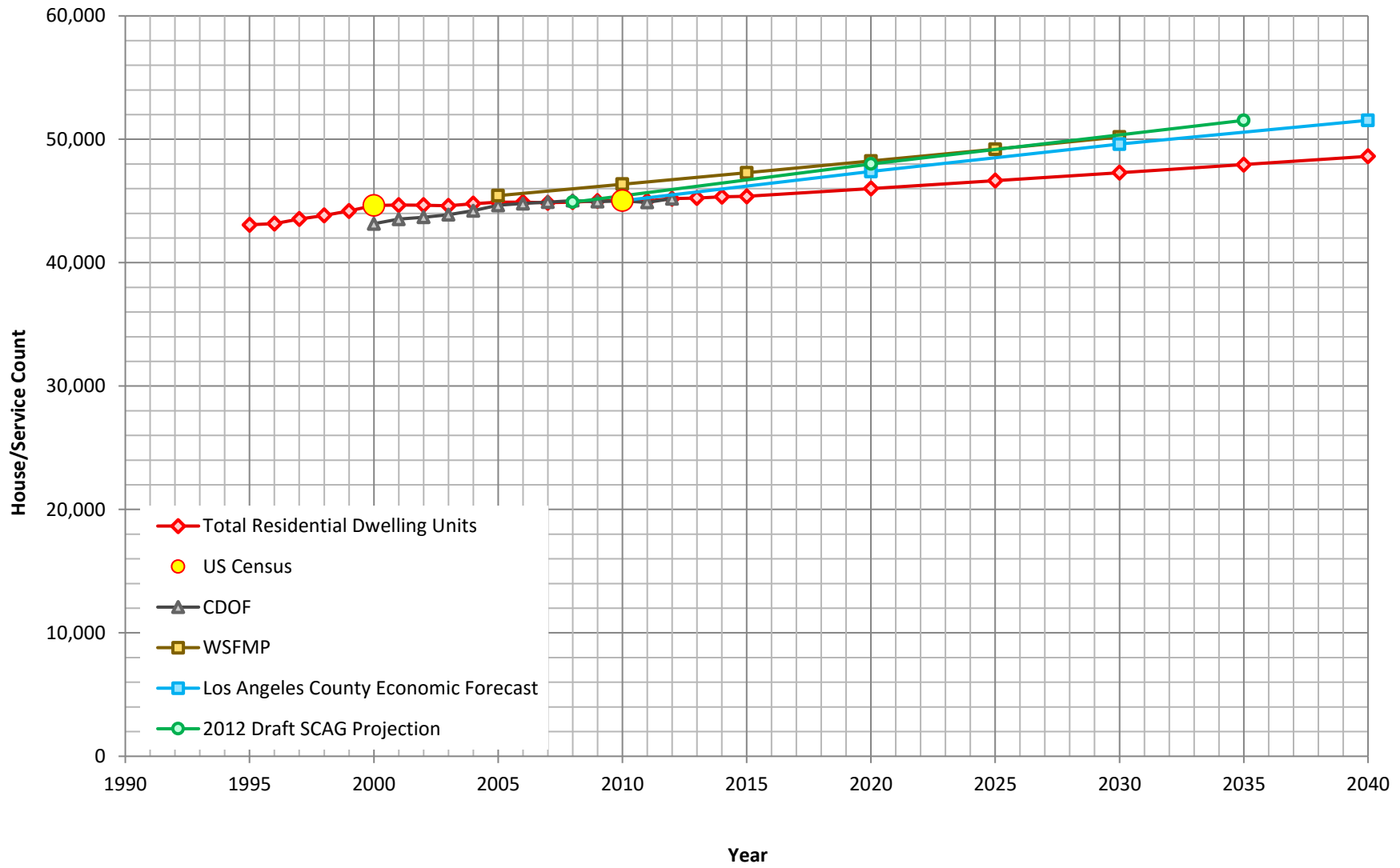
MarPlot Summary



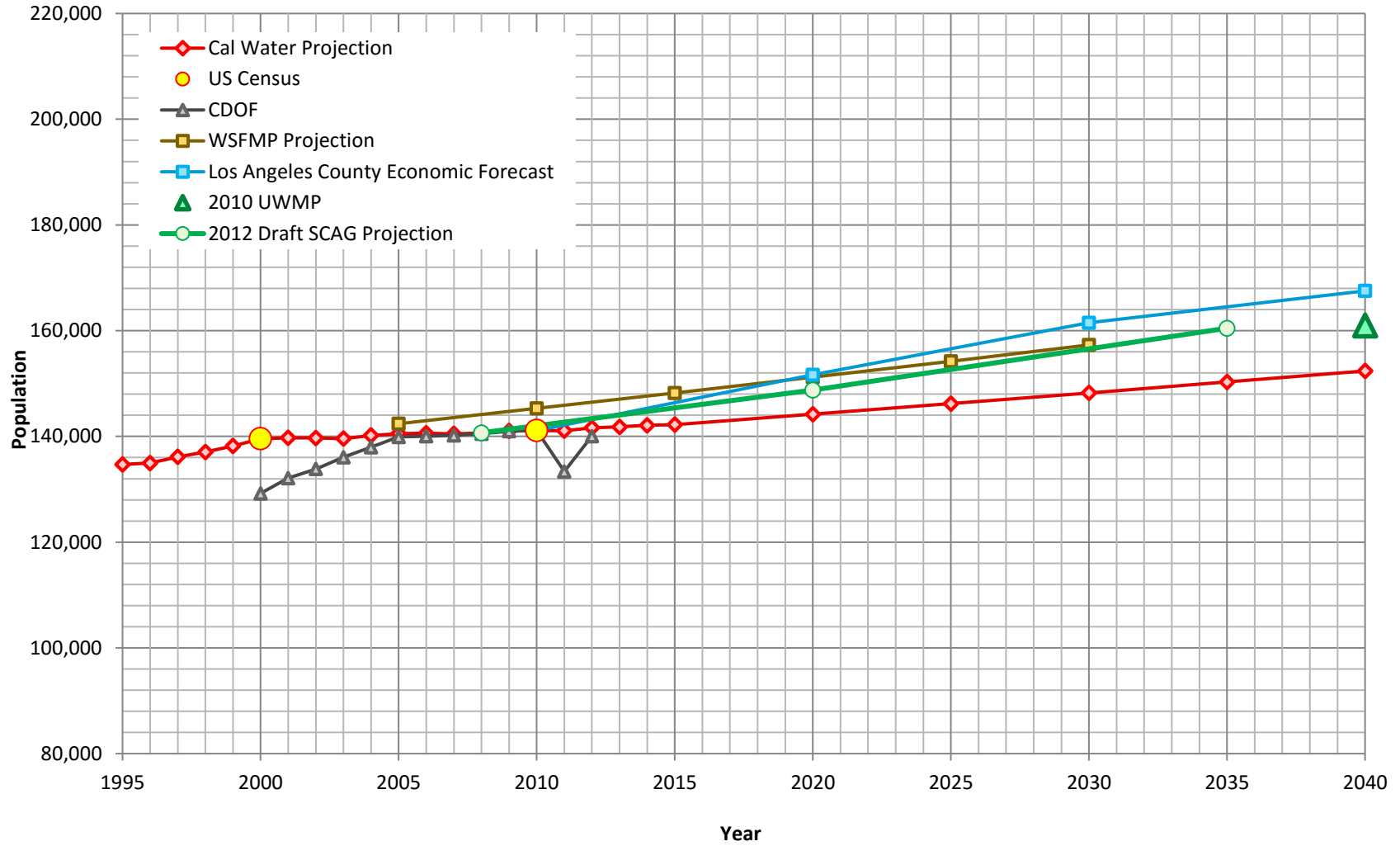
System	US Census 2000 Summary				US Census 2010 Summary				2000-2010 Change		
	Census Tract Blocks	Population	Housing Units (HU)	Density	Census Tract Blocks	Population	Housing Units (HU)	Density	Percentage Population Change	Percentage HU Change	Density Change
Dominguez	889	139,558	44,631	3.13	930	141,105	45,021	3.13	1.1%	0.9%	0.2%
	889	139,558	44,631	3.13	930	141,105	45,021	3.13	1.1%	0.9%	0.2%

MARPLOT disclaimer: The population and housing number given above are only rough estimates. They are based on the US Census Blocks. Although Census Blocks are polygons, MARPLOT uses the centroid, or center point, rather than the entire polygon. If a Census Block centroid is within any of the MARPLOT selected objects, the population and housing numbers for that block are tallied, even if only part of the block is within the selected object. It is possible for a block not be counted if its centroid is not within selected objects, even though part of the block is within the selected objects.

Housing Projections



Population Projections



California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections
Population Estimate

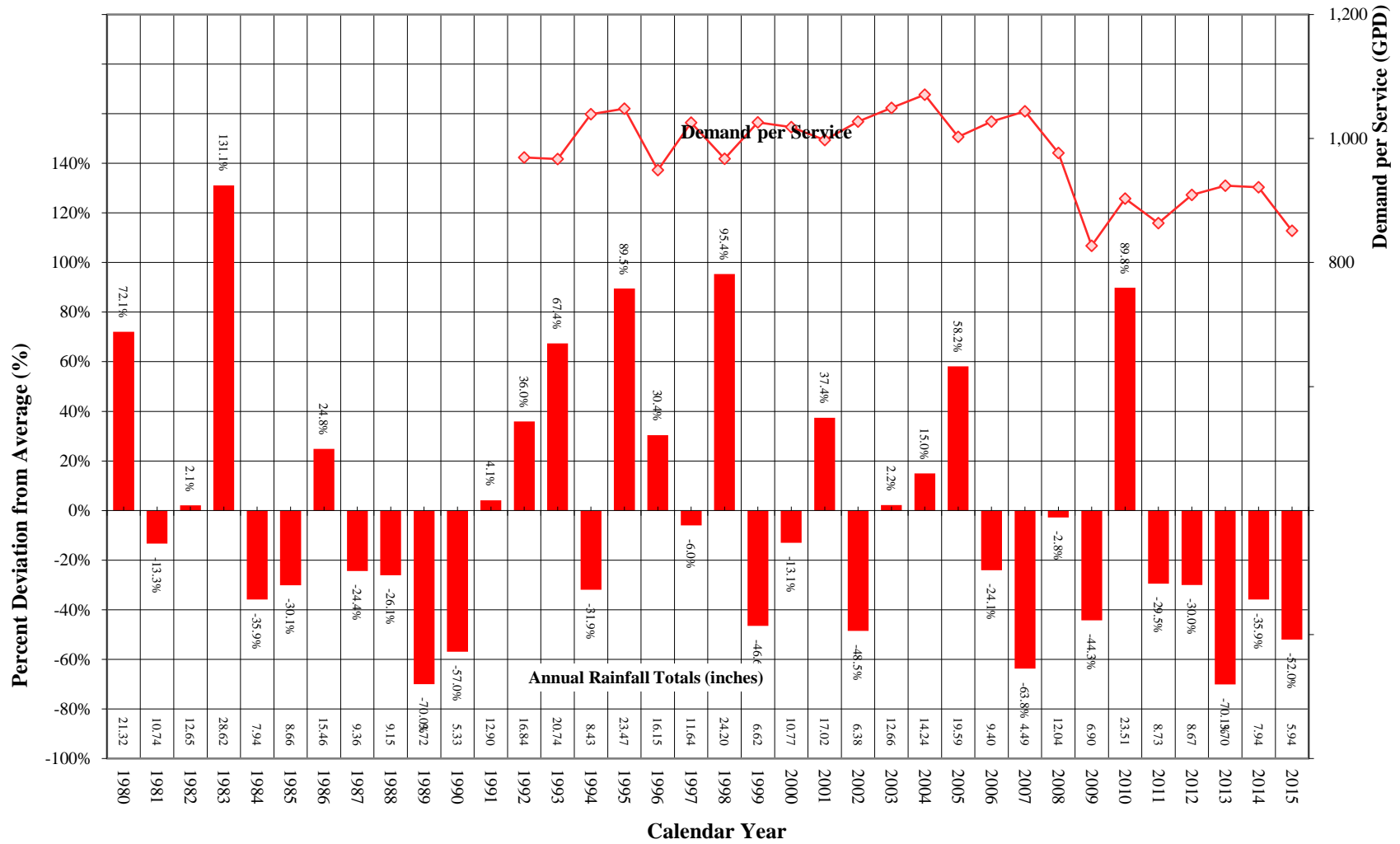


Year	US Census		Persons per Housing Unit	Single Family Residential	Multi Family Residential			Flat Rate Residential
	Population	Housing Units		Services (DU)	Services	Units (DU)	Unit Density	Services (DU)
2000	139,558	44,631	3.127	27,561	919	17,070	18.6	0
2010	141,105	45,021	3.134	28,573	704	16,448	23.4	0
	1.1%	0.9%	0.2%	3.7%	-23.4%	-3.6%	25.8%	0.0%

Year	Single Family Residential Services (DU)	Multi Family Residential			Flat Rate Residential Services (DU)	Total Residential Dwelling Units	Persons per Housing Unit	Estimated District Population	ACTUAL / PROJECTED
		Services	Residential Units (DU)	Unit Density					
1995	27,038	864	16,040	18.6	0	43,078	3.127	134,702	
1996	27,115	864	16,047	18.6	0	43,163	3.127	134,967	
1997	27,291	875	16,246	18.6	0	43,537	3.127	136,136	
1998	27,351	888	16,481	18.6	0	43,832	3.127	137,060	
1999	27,436	903	16,759	18.6	0	44,195	3.127	138,195	
2000	27,561	919	17,070	18.6	0	44,631	3.127	139,558	
2001	27,668	936	17,008	18.2	0	44,676	3.128	139,731	
2002	27,713	942	16,946	18.0	0	44,659	3.128	139,709	
2003	27,725	930	16,884	18.2	0	44,608	3.129	139,584	
2004	27,965	926	16,821	18.2	0	44,786	3.130	140,175	
2005	28,136	920	16,759	18.2	0	44,894	3.131	140,545	
2006	28,210	912	16,697	18.3	0	44,906	3.131	140,614	
2007	28,220	910	16,634	18.3	0	44,854	3.132	140,485	
2008	28,334	801	16,572	20.7	0	44,906	3.133	140,679	
2009	28,495	696	16,510	23.7	0	45,005	3.133	141,021	
2010	28,573	704	16,448	23.4	0	45,021	3.134	141,105	
2011	28,632	735	16,385	22.3	0	45,017	3.134	141,093	
2012	28,646	742	16,541	22.3	0	45,187	3.134	141,626	
2013	28,650	744	16,594	22.3	0	45,243	3.134	141,801	
2014	28,694	746	16,647	22.3	0	45,342	3.134	142,111	
2015	28,733	746	16,647	22.3	0	45,380	3.134	142,231	
2020	29,134	756	16,876	22.3	0	46,010	3.134	144,206	
2025	29,542	767	17,108	22.3	0	46,649	3.134	146,208	
2030	29,955	777	17,342	22.3	0	47,297	3.134	148,238	
2035	30,373	788	17,580	22.3	0	47,954	3.134	150,296	
2040	30,798	799	17,822	22.3	0	48,619	3.134	152,383	

Notes: Linear extrapolation used to estimated MFR-DU from 2000. Estimate extend until 2011 due to reclassification, afterwards a constant MFR Unit Density is used.

Comparison of Annual Rainfall to Historical Average



**California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections**

Temperature & Rainfall History

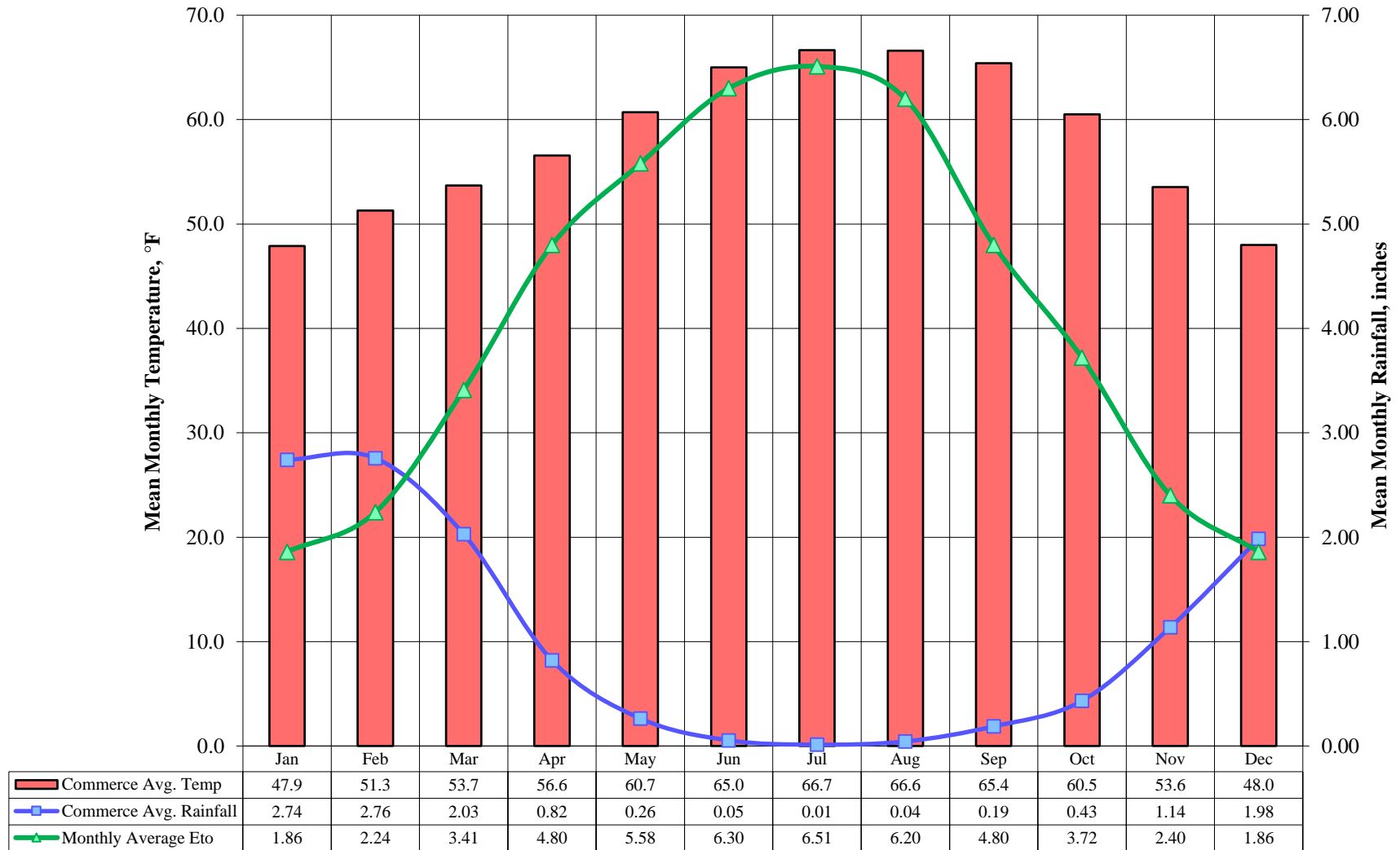
Year	Precipitation		Temperature			Demand per Service (gpd)	Percent of Average Demand
	Annual (in)	Percent Variation	Tmax (°F)	Tmin (°F)	Mean (°F)		
1980	21.32	72.1%	82.00	48.10	65.1		
1981	10.74	-13.3%	83.10	48.10	65.6		
1982	12.65	2.1%	82.00	44.80	63.4		
1983	28.62	131.1%	85.90	47.90	66.9		
1984	7.94	-35.9%	87.60	46.10	66.9		
1985	8.66	-30.1%	84.80	45.50	65.2		
1986	15.46	24.8%	80.80	46.80	63.8		
1987	9.36	-24.4%	80.20	43.80	62.0		
1988	9.15	-26.1%	79.30	45.20	62.3		
1989	3.72	-70.0%	80.30	43.20	61.8		
1990	5.33	-57.0%	82.60	43.10	62.9		
1991	12.90	4.1%	78.90	45.90	62.4		
1992	16.84	36.0%	83.70	45.40	64.6	970	-0.6%
1993	20.74	67.4%	78.90	46.50	62.7	967	-0.9%
1994	8.43	-31.9%	84.50	45.80	65.2	1,039	6.6%
1995	23.47	89.5%	80.40	48.30	64.4	1,048	7.5%
1996	16.15	30.4%	82.80	47.60	65.2	949	-2.7%
1997	11.64	-6.0%	84.30	47.00	65.7	1,025	5.2%
1998	24.20	95.4%	82.80	44.90	63.9	967	-0.8%
1999	6.62	-46.6%	81.80	46.70	64.3	1,026	5.2%
2000	10.77	-13.1%	80.70	47.50	64.1	1,018	4.4%
2001	17.02	37.4%	77.50	43.70	60.6	998	2.3%
2002	6.38	-48.5%	78.70	45.80	62.3	1,027	5.3%
2003	12.66	2.2%	81.40	47.70	64.6	1,049	7.6%
2004	14.24	15.0%	82.10	46.40	64.3	1,071	9.8%
2005	19.59	58.2%	78.30	48.40	63.4	1,003	2.8%
2006	9.40	-24.1%	84.30	45.20	64.8	1,027	5.4%
2007	4.49	-63.8%	80.70	43.30	62.0	1,044	7.0%
2008	12.04	-2.8%	81.20	46.30	63.8	977	0.2%
2009	6.90	-44.3%	82.40	47.70	65.1	827	-15.2%
2010	23.51	89.8%	76.90	48.30	62.6	903	-7.4%
2011	8.73	-29.5%	78.40	43.70	61.1	864	-11.4%
2012	8.67	-30.0%	82.90	46.50	64.7	909	-6.8%
2013	3.70	-70.1%	80.70	44.20	62.5	924	-5.3%
2014	7.94	-35.9%	83.80	48.70	66.3	921	-5.5%
2015	5.94	-52.0%	84.60	46.50	65.6	851	-12.7%
2016							
2017							
2018							
2019							
2020							

Precipitation (1895 - present)						Monthly Average Eto
	Mean	High	Year	Low	Year	
	in.	in.	-	in.	-	
Jan	2.74	14.18	1995	0.00	1945	1.86
Feb	2.76	12.59	1998	0.00	1896	2.24
Mar	2.03	8.45	1983	0.00	1956	3.41
Apr	0.82	5.46	1965	0.00	1897	4.80
May	0.26	3.33	1921	0.00	1899	5.58
Jun	0.05	0.84	1993	0.00	1906	6.30
Jul	0.01	0.63	2015	0.00	1967	6.51
Aug	0.04	2.81	1977	0.00	1957	6.20
Sep	0.19	4.84	1939	0.00	1895	4.80
Oct	0.43	3.82	2004	0.00	1903	3.72
Nov	1.14	8.05	1965	0.00	1897	2.40
Dec	1.98	9.26	2010	0.00	1900	1.86
Annual	12.46	28.62	1983	3.41	1947	49.68

Temperature (1895 - present)			
	Tmax	Tmin	Mean
	°F	°F	°F
Jan	57.3	38.5	47.9
Feb	61.2	41.4	51.3
Mar	64.3	43.1	53.7
Apr	68.4	44.7	56.6
May	72.9	48.5	60.7
Jun	77.4	52.6	65.0
Jul	78.4	54.9	66.7
Aug	78.5	54.7	66.6
Sep	78.2	52.6	65.4
Oct	73.0	48.0	60.5
Nov	64.4	42.7	53.6
Dec	57.8	38.2	48.0
Annual	69.3	46.7	58.0

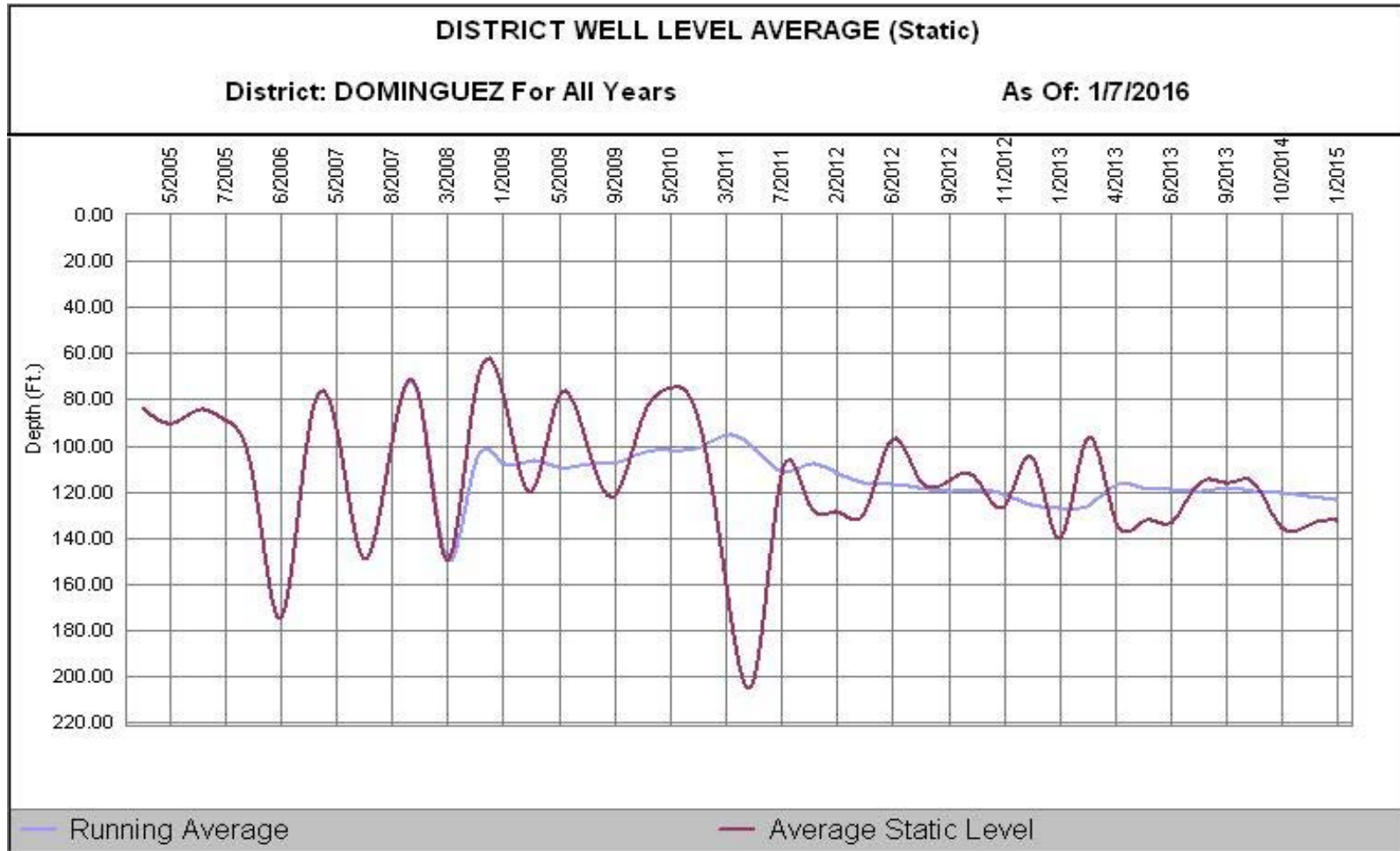
- 1) Eto values based on California Irrigation Management Information System (CIMIS), <http://www.cimis.water.ca.gov/cimis/welcome.jsp>, EvapoTranspiration (Eto) Zones Map, Zone 6
- 2) PPT, Tmax, Tmin obtained from PRISM where, PPT is total monthly rainfall, Tmax is average of maximum temperatures for given month, and Tmin is average of minimum temperatures for given month
- 3) Percent variation based on average of 1980 to present values

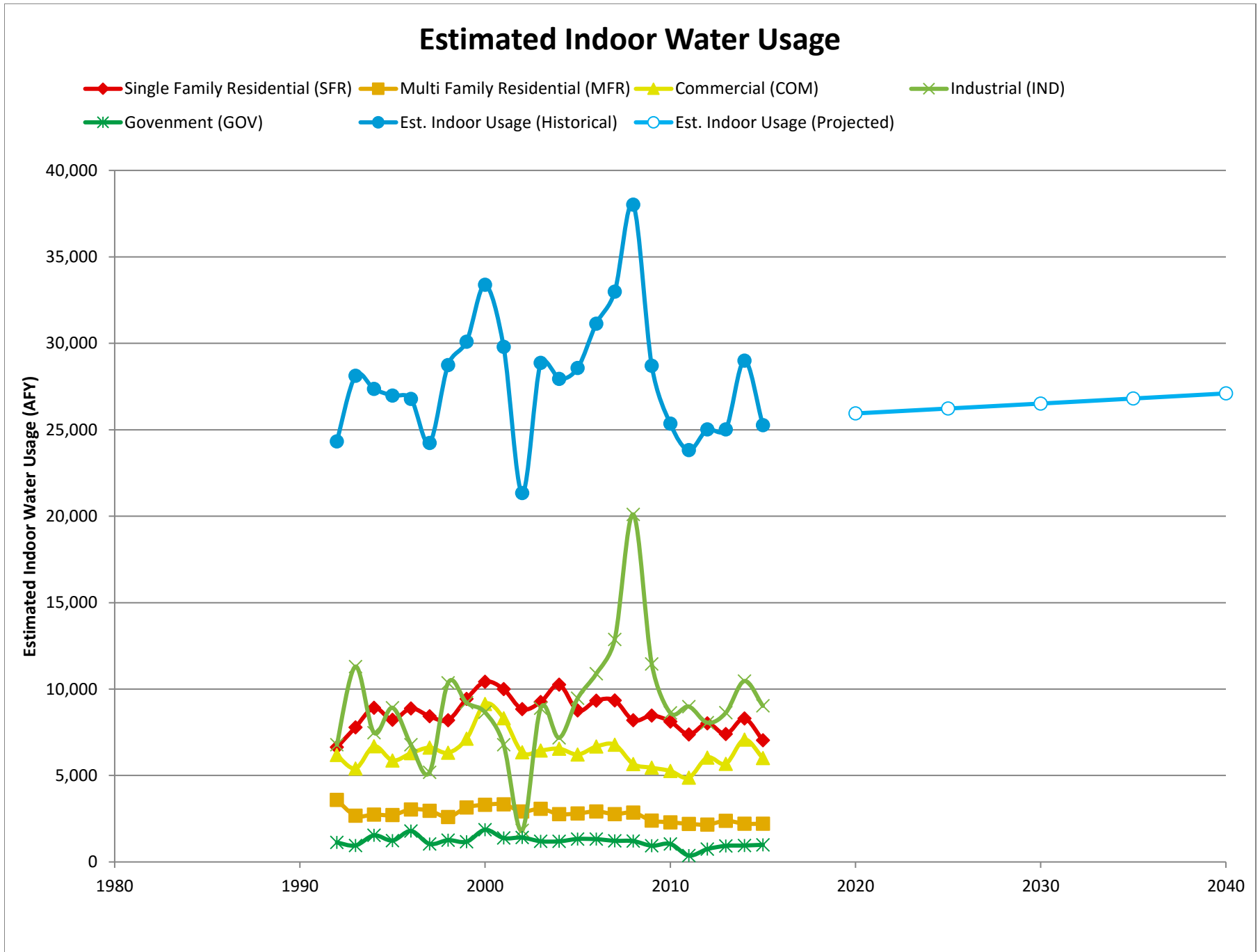
Average Monthly Temperature, Rainfall, and Monthly Eto



California Water Service Company - Dominguez District Water Supply and Demand Analysis and Projections

Groundwater Production Facilities





**California Water Service Company - Dominguez District
Water Supply and Demand Analysis and Projections**

Estimated Indoor/Outdoor Water Usage

Year	Single Family Residential (SFR)							Multi Family Residential (MFR)				Commercial (COM)					
	SFR Jan Usage	Metered SFR Indoor Use (Annualized 90% of January Total)		Indoor Flat Rate Usage (AFY)	Total SFR Indoor Usage			MFR Jan Usage	MFR Indoor Use (Annualized 90% of January Total)			COM Jan Usage	COM Indoor Use (Annualized 90% of January Total)				
		JAN (CCF)	AFY		AF/Serv	AFY	GPD/Serv		%	(CCF)	AFY		GPD/Serv	%	(CCF)	AFY	GPD/Serv
1980																	
1981																	
1982																	
1983																	
1984																	
1985																	
1986																	
1987																	
1988																	
1989																	
1990																	
1991																	
1992	267,626	6,635	0.247	0	6,635	220	67%	144,729	3,588	3,727	113%	249,428	6,184	1,972	78%		
1993	314,071	7,787	0.289	0	7,787	258	76%	107,916	2,676	2,753	88%	217,983	5,405	1,717	68%		
1994	359,621	8,916	0.331	0	8,916	295	84%	110,613	2,742	2,831	88%	269,931	6,693	2,128	83%		
1995	331,853	8,228	0.304	0	8,228	272	78%	109,409	2,713	2,804	87%	236,931	5,874	1,876	71%		
1996	358,153	8,880	0.327	0	8,880	292	79%	122,711	3,042	3,143	94%	253,694	6,290	2,008	72%		
1997	340,025	8,430	0.309	0	8,430	276	73%	119,540	2,964	3,024	90%	266,761	6,614	2,111	69%		
1998	330,848	8,203	0.300	0	8,203	268	77%	104,895	2,601	2,616	82%	254,742	6,316	2,018	73%		
1999	380,635	9,437	0.344	0	9,437	307	84%	127,002	3,149	3,115	96%	287,422	7,126	2,265	77%		
2000	420,345	10,422	0.378	0	10,422	338	90%	133,574	3,312	3,216	94%	368,508	9,137	2,897	89%		
2001	403,079	9,994	0.361	0	9,994	322	90%	134,263	3,329	3,177	101%	335,206	8,311	2,580	86%		
2002	356,522	8,839	0.319	0	8,839	285	76%	117,862	2,922	2,770	86%	255,795	6,342	1,926	62%		
2003	373,198	9,253	0.334	0	9,253	298	75%	123,990	3,074	2,951	91%	260,076	6,448	1,940	72%		
2004	413,541	10,253	0.367	0	10,253	327	85%	111,728	2,770	2,671	81%	264,295	6,553	1,979	75%		
2005	353,229	8,758	0.311	0	8,758	278	78%	113,069	2,803	2,720	88%	250,710	6,216	1,863	76%		
2006	376,368	9,331	0.331	0	9,331	295	82%	117,984	2,925	2,865	93%	269,144	6,673	1,988	79%		
2007	376,735	9,341	0.331	0	9,341	295	80%	111,674	2,769	2,717	89%	273,510	6,781	2,020	79%		
2008	330,501	8,194	0.289	0	8,194	258	74%	114,987	2,851	3,176	98%	228,563	5,667	1,722	69%		
2009	341,356	8,463	0.297	0	8,463	265	80%	96,533	2,393	3,070	86%	219,850	5,451	1,700	73%		
2010	327,704	8,125	0.284	0	8,125	254	82%	92,600	2,296	2,910	86%	212,319	5,264	1,641	72%		
2011	297,659	7,380	0.258	0	7,380	230	76%	88,950	2,205	2,681	81%	196,843	4,880	1,518	66%		
2012	323,519	8,021	0.280	0	8,021	250	82%	87,176	2,161	2,602	79%	243,558	6,039	1,881	72%		
2013	298,227	7,394	0.258	0	7,394	230	75%	95,922	2,378	2,854	85%	229,128	5,681	1,770	67%		
2014	334,564	8,295	0.289	0	8,295	258	90%	89,337	2,215	2,650	86%	285,372	7,075	2,205	85%		
2015	283,761	7,035		0	7,035			88,978	2,206			242,287	6,007				
2016					7,815	242			2,260	2,697			5,934	1,843			
2017					7,837	242			2,267	2,697			5,942	1,843			
2018					7,858	242			2,273	2,697			5,950	1,843			
2019					7,880	242			2,279	2,697			5,959	1,843			
2020					7,902	242			2,285	2,697			5,967	1,843			
2025					8,013	242			2,317	2,697			6,007	1,843			
2030					8,125	242			2,348	2,697			6,048	1,843			
2035					8,238	242			2,381	2,697			6,090	1,843			
2040					8,353	242			2,413	2,697			6,131	1,843			

Note: GPD/Service is estimated as the average of the last 5 years for given customer class.

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