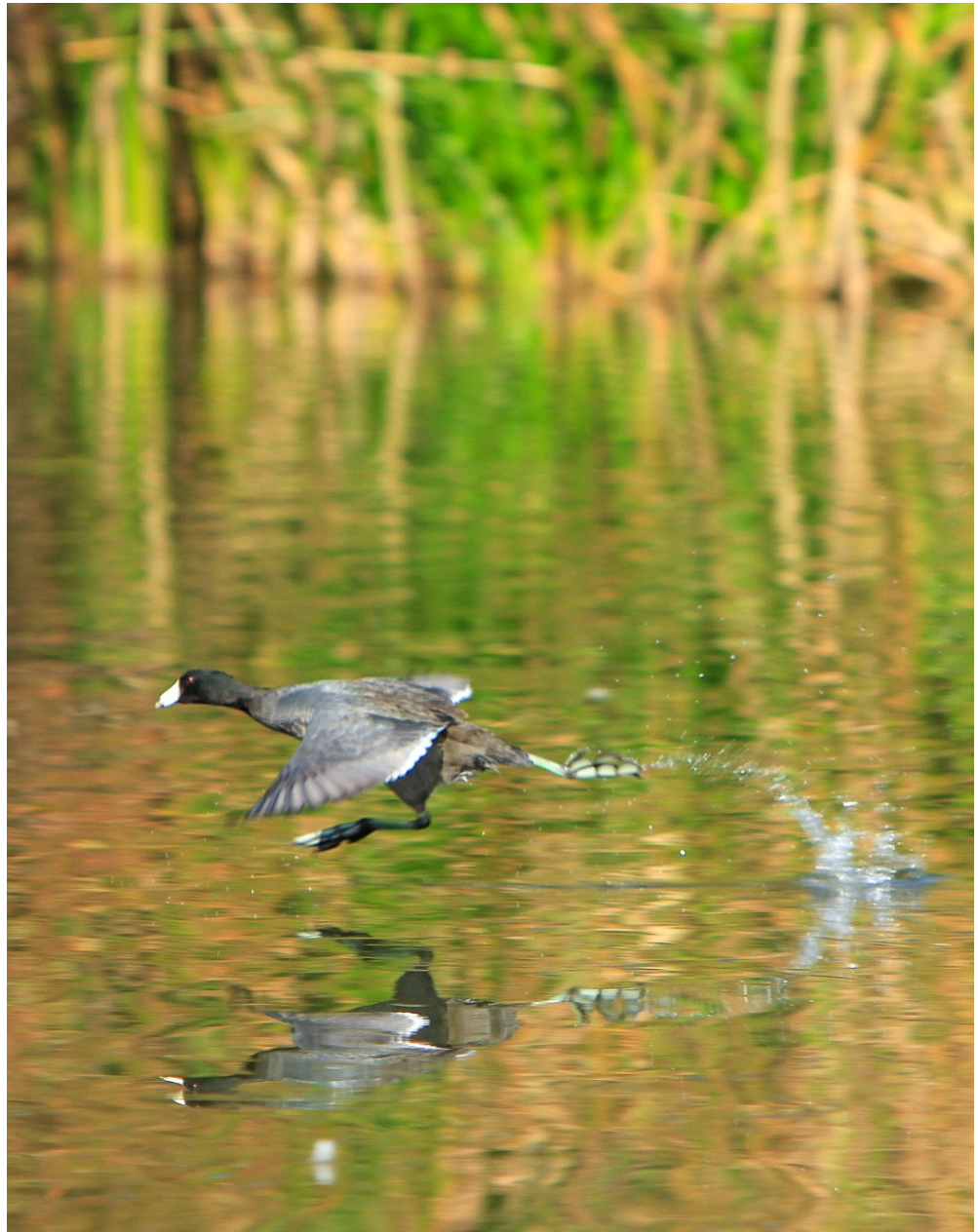


2018

# IEUA FY 2017-2018 Annual Water Use Report:

## Retail Agency Water Use and Five Year History



*Inland Empire Utilities Agency*  
A MUNICIPAL WATER DISTRICT



*Inland Empire Utilities Agency*

A MUNICIPAL WATER DISTRICT

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## Preface

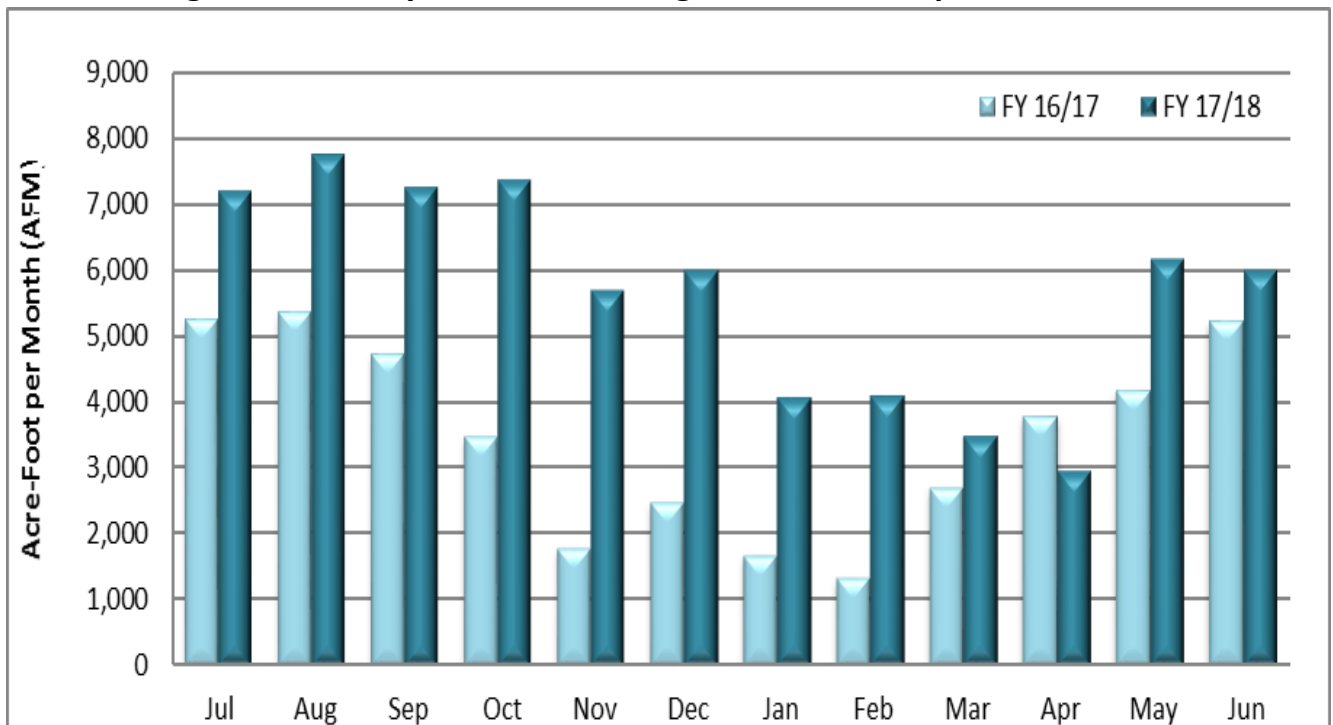
### FY 2017-18 Water Use Summary Report

Inland Empire Utilities Agency (IEUA) monitors and compiles water use data from each of its retail agencies to track overall water demands and sources of supply. Each year, this data is compiled into an Annual Water Use Report. Data includes monthly water use by member agency and by source of supply, a five-year history of water use, and retail agency water usage as a percentage of the total water used in the service area.

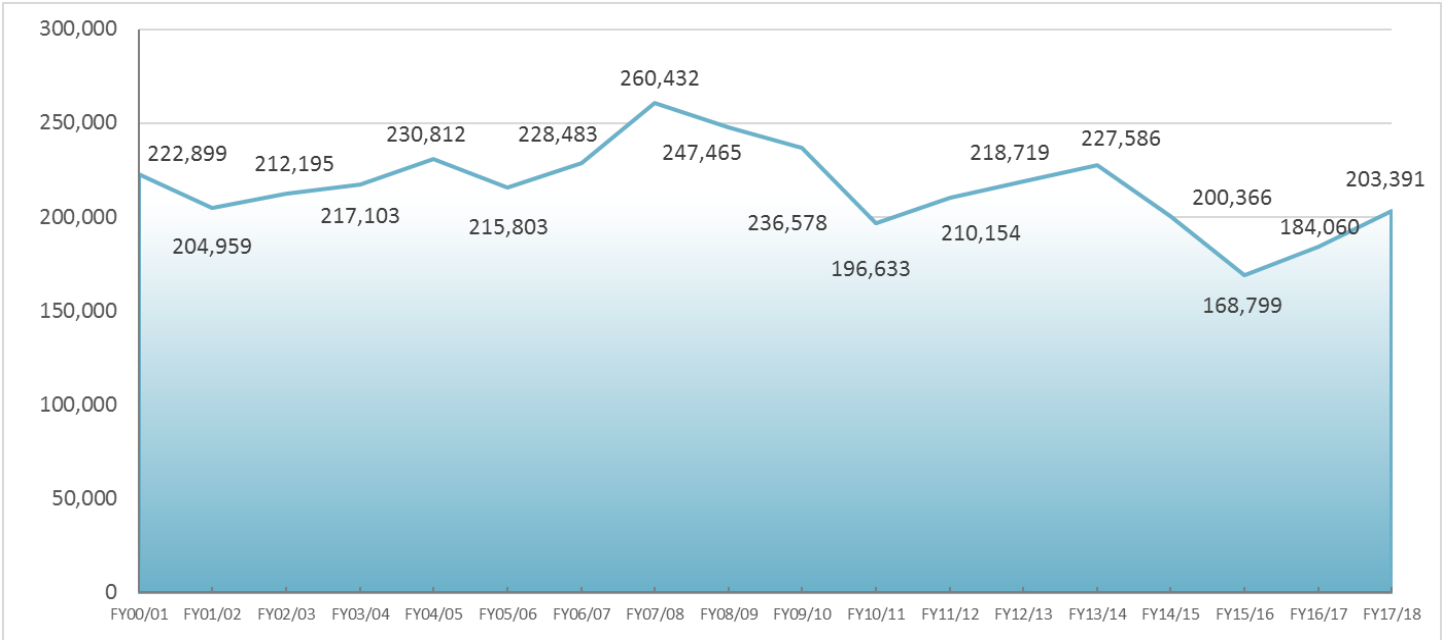
Total water consumption within IEUA's service area for FY 17/18 is 203,391 AF. This is a 10% increase (19,331 AF) from FY 2016/17, however the region is still using approximately 11% less water than before the recent drought in FY 13/14. Imported water purchases have increased while local groundwater production has decreased in response to new TCP water quality standards.

IEUA anticipates a slight increase in water usage due to the continuous high temperatures the region is experiencing. However, long-term demands are not expected to exceed the peak year of FY 07/08. This analysis came from demand modeling conducted as part of IEUA's 2015 Integrated Resources Plan (IRP) and Urban Water Management Plan (UWMP) which found that new developments in the region tend to be more water efficient due to changes in the plumbing code, higher density developments with less landscaping, and compliance with the existing model landscape ordinance requirements set forth in AB1881. It should also be noted that water usage

**Regional Monthly Total Water Usage FY 17/18 Comparison to FY16/17**



## IEUA Member Agency Overall Total Water Use Trend

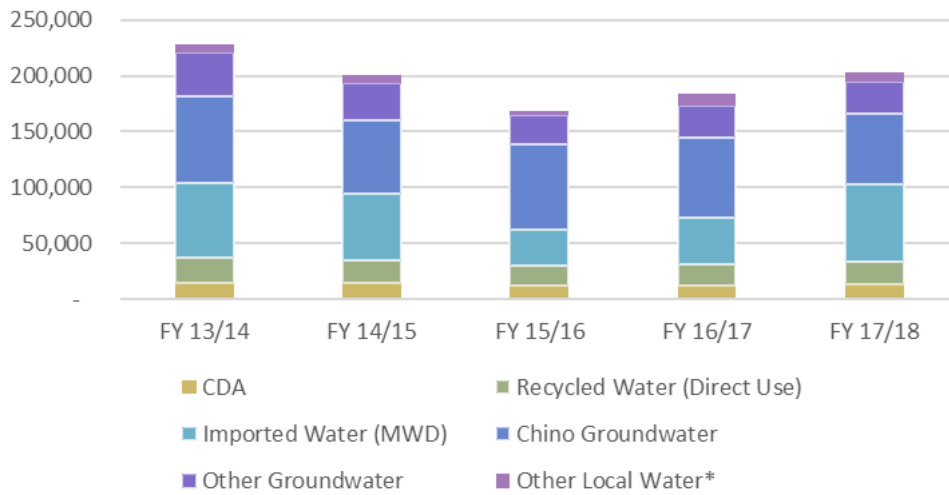


Note: Total Water Use Data includes imported water, surface water, groundwater, recycled and desalter production. Excludes IEUA groundwater recharge

has remained below projections made in the IRP and UWMP as a result of the mandatory conservation restrictions and behavioral shift that occurred during the recent drought.

In addition, the region is continuing to diversify and maximize local resource development, expand

## Regional Water Use Trend by Source



\*Other Local Water includes purchases from local water companies such as SAWCo and WECWC

water use efficiency programs, and assist interested member agencies with the development of budget based rate structures. These efforts will continue to prepare the service area to cope with future dry years and increase regional resiliency in the face of climate change.

Below is a summary and update on the region's major water supply efforts and programs:

- IRP Phase II is underway and has compiled over 200 water supply projects from member agencies. These projects will be used to conduct a gap-assessment , and will also included the development of a regional water supply schematic that may be used to identify infrastructure constraints, discuss potential improvements, and assess how programs such as water banking will support regional resiliency.
- Total direct recycled water deliveries to member agencies have slightly increased from 18,703 AF in FY16/17 to 20,455 AF in FY17/18. Additional details about the recycled water program are available in the IEUA FY 2017-2018 Recycled Water Annual Report.
- IEUA is continuing to work with the Agricultural Pool to identify appropriate farm sites for water efficiency upgrades. This will help maintain a sustainable Chino Basin groundwater supply.
- IEUA and its member agencies are working towards completing the Phase III expansion of the Chino Desalters. In June 2016, IEUA received \$7.2 million in support of this project. The expansion is excepted to create an additional 10,6000 AF of water per year. In FY16/17 IEUA agency's share of the production was 12,292 AF.
- IEUA and its member agencies continue to implement the water use efficiency programs outlined in the 2015-2020 Regional Water Use Efficiency Business Plan completed in June 2016. Additional details about the water use efficiency program are available in the IEUA FY 2007-2018 Water Use Efficiency Annual Report.

*IEUA would like to thank its member agencies for their assistance in compiling the data contained in this report.*

## **SECTION 1**

### **Total Water Resources Data from FY 17/18**



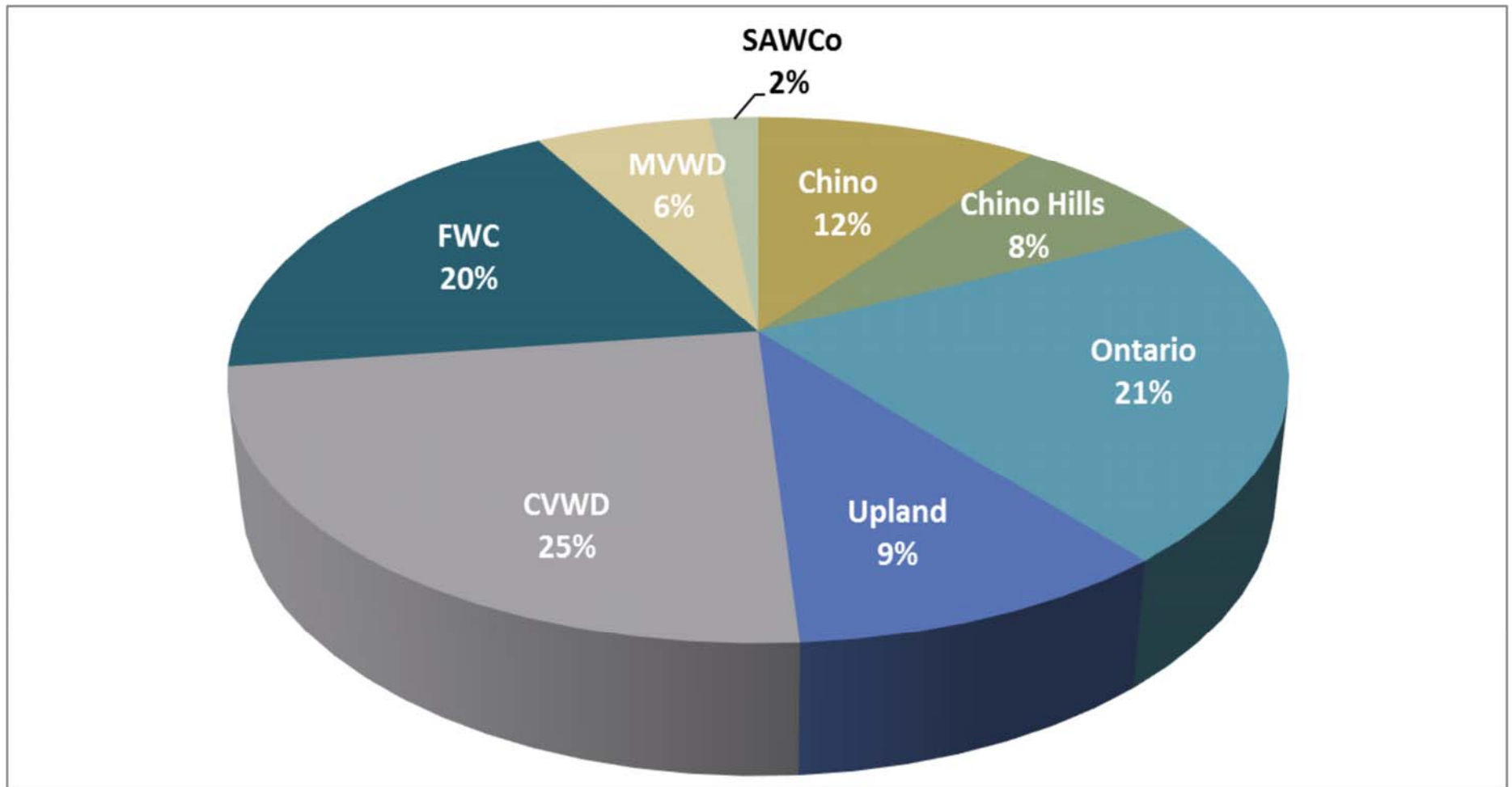
# Total IEUA Service Area Water Use For FY 17/18

FY 17-18		Total IEUA Service Area Water Use by Retail Agency for FY 17-18 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
<b>Purchases from IEUA</b>	Imported Water (MWD)	4,292	1,500	3,211	6,073	30,559	13,642	9,935	0	69,212
	Recycled (Direct Use)	6,480	1,858	9,654	706	1,263	176	318	0	20,455
<b>Subtotal</b>		<b>10,772</b>	<b>3,358</b>	<b>12,865</b>	<b>6,779</b>	<b>31,822</b>	<b>13,818</b>	<b>10,253</b>	<b>0</b>	<b>89,667</b>
<b>Production</b>	Chino Groundwater	5,149	2,839	26,109	1,764	6,819	11,392	8,755	428	63,255
	Other Groundwater	0	0	0	1,112	6,737	10,725	0	10,245	28,819
	Local Surface Water	0	0	0	0	3,195	2,735	0	2,020	7,950
<b>Subtotal</b>		<b>5,149</b>	<b>2,839</b>	<b>26,109</b>	<b>2,876</b>	<b>16,751</b>	<b>24,852</b>	<b>8,755</b>	<b>12,693</b>	<b>100,024</b>
<b>Purchases from Other Agencies</b>	CDA	4,999	4,211	4,032	0	0	0	0	0	13,242
	MVWD*	0	4,763	0	0	0	0	0	0	4,763
	SAWCo Water	0	0	341	9,197	0	0	0	0	9,538
	West End	0	0	0	1,298	0	0	0	0	1,298
	CVWD	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>		<b>4,999</b>	<b>8,974</b>	<b>4,373</b>	<b>10,495</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,841</b>
<b>Sales to Other Agencies*</b>	Chino Hills**	0	0	0	0	0	0	-6,064	0	-6,064
	Ontario	0	0	0	0	0	0	0	-232	-232
	Upland	0	0	0	0	0	0	0	-8,401	-8,401
	MVWD	0	0	0	0	0	0	0	-444	-444
<b>Subtotal</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-6,064</b>	<b>-9,077</b>	<b>-15,141</b>
<b>Total</b>		<b>20,920</b>	<b>15,171</b>	<b>43,347</b>	<b>20,150</b>	<b>48,573</b>	<b>38,670</b>	<b>12,944</b>	<b>3,616</b>	<b>203,391</b>

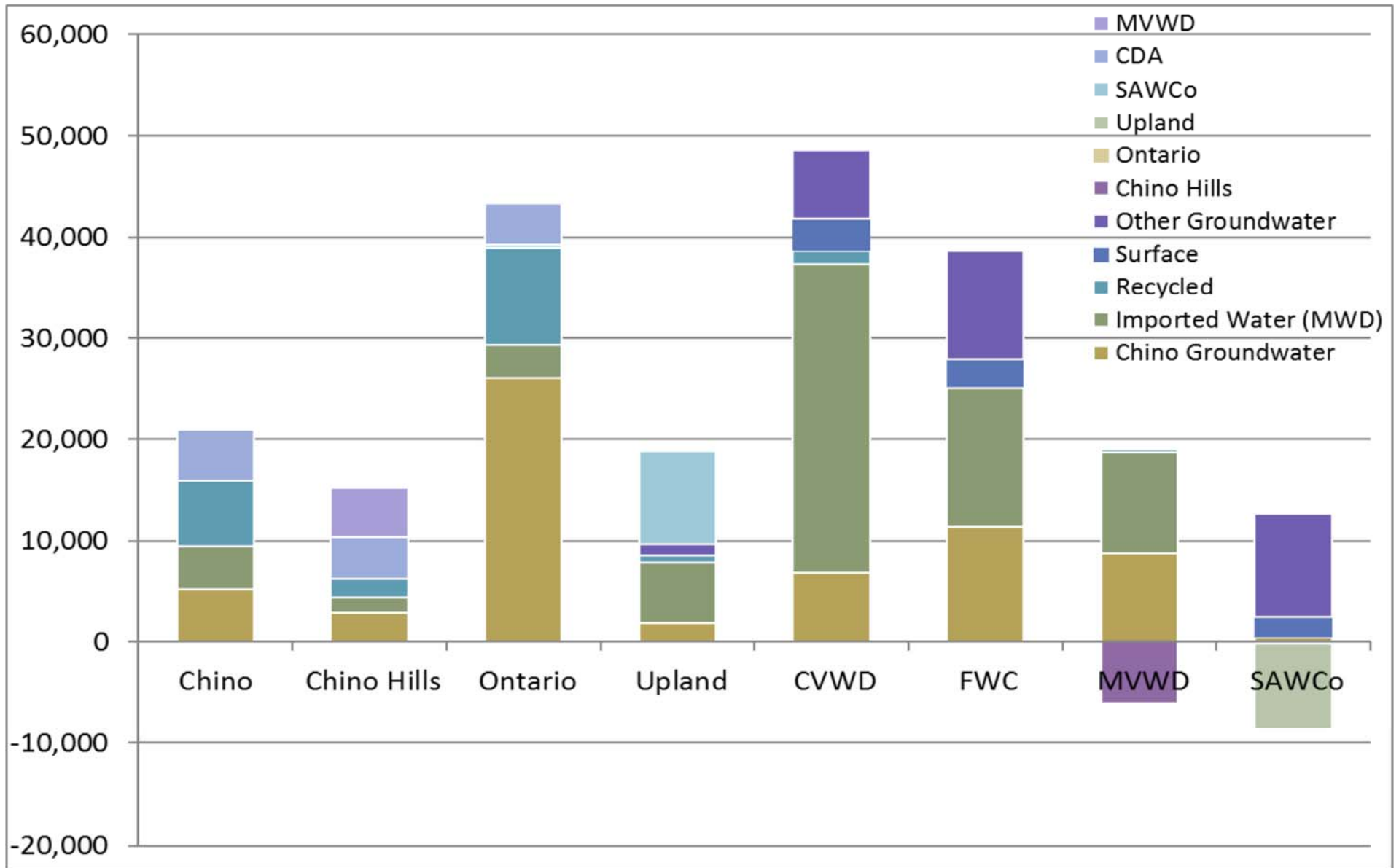
Note: All recycled water numbers in this report are based off IEUA operations data and are for direct use only.

Recycled water used for groundwater recharge may be found in the Recycled Water Report.

# Total IEUA Service Area Water Use For FY 17/18



# Total IEUA Service Area Water Use For FY 17/18

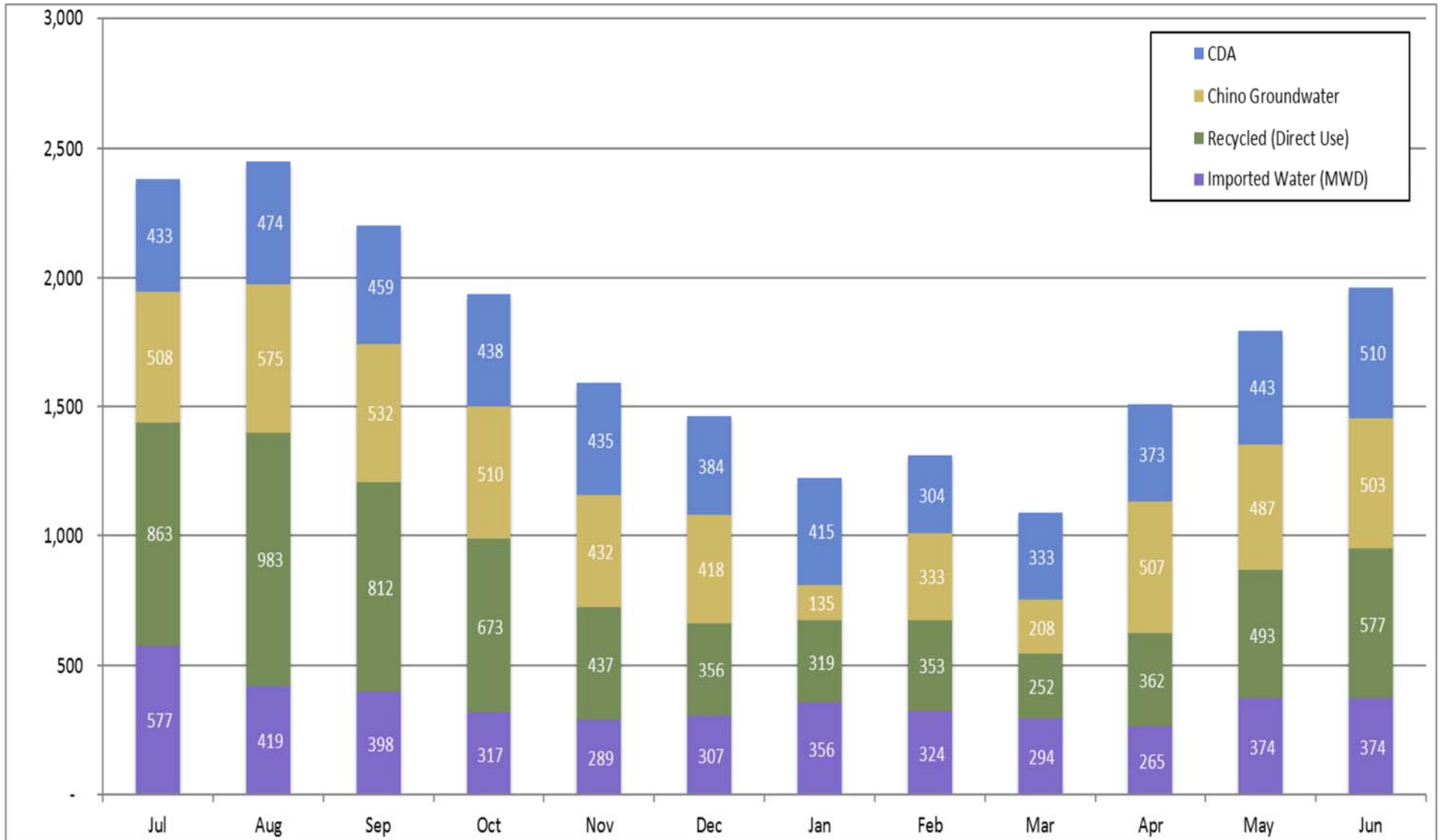


## **SECTION 2**

### **Retail Water Use Data from FY 17/18 by Agency**

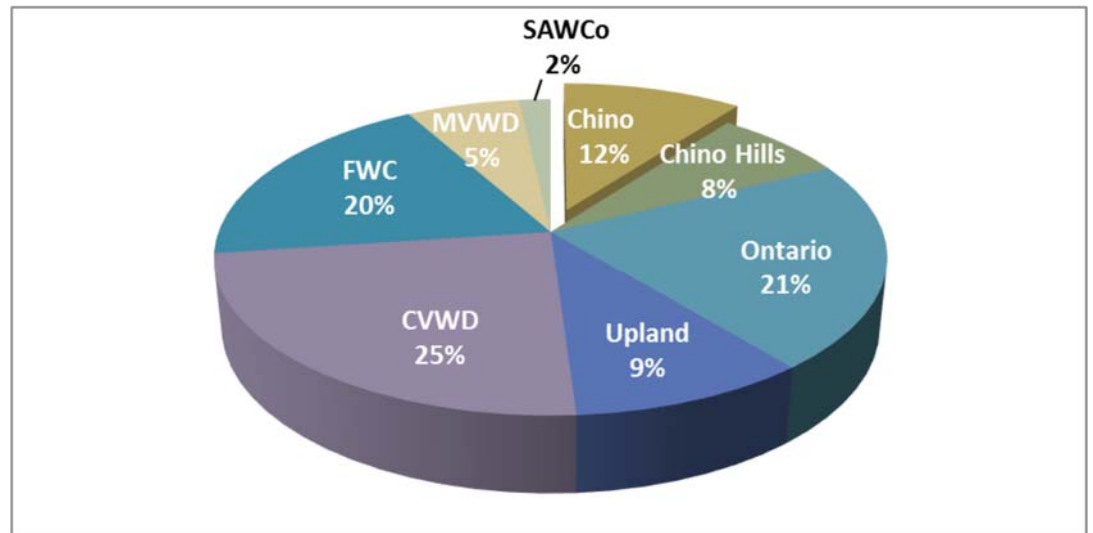
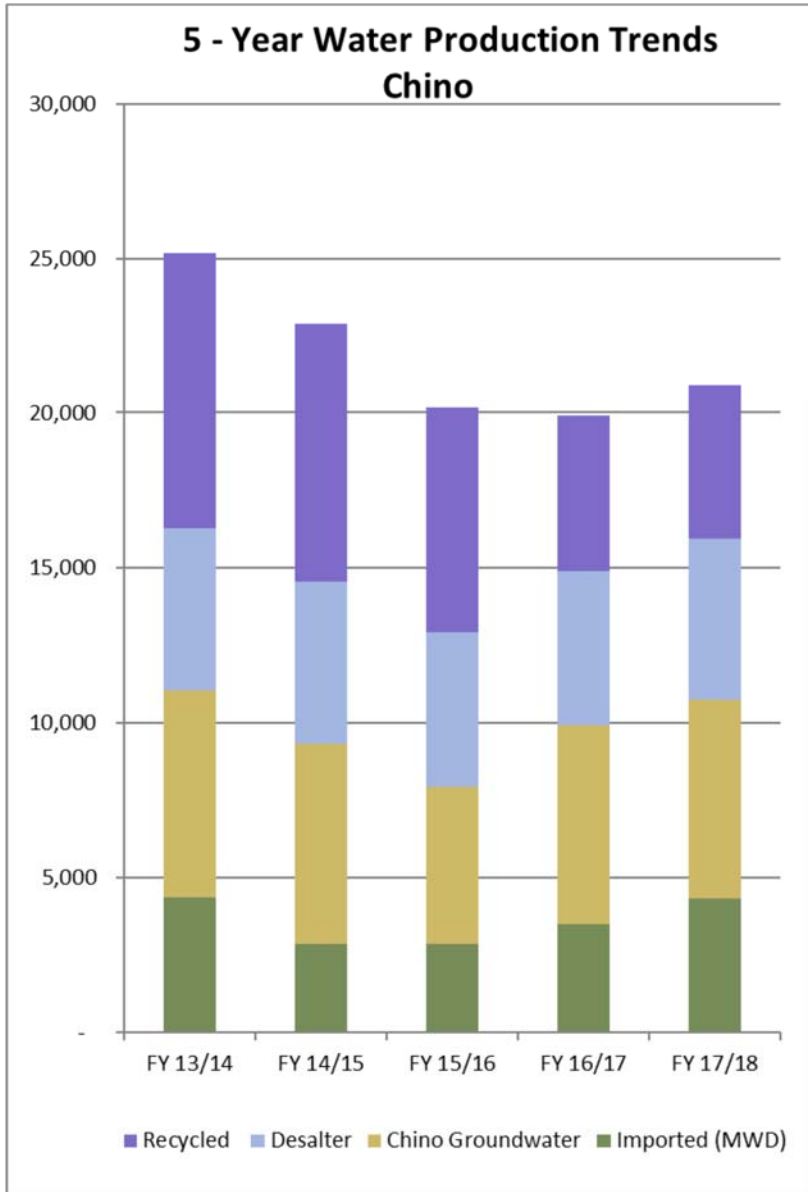
# FY 17/18 Water Use Report

## City of Chino



# FY 17/18 Water Use Report

## City of Chino



**In FY 2017/18, The City of Chino used 12% (20,92 AF) of 203,391 AF used in the IEUA service area.**

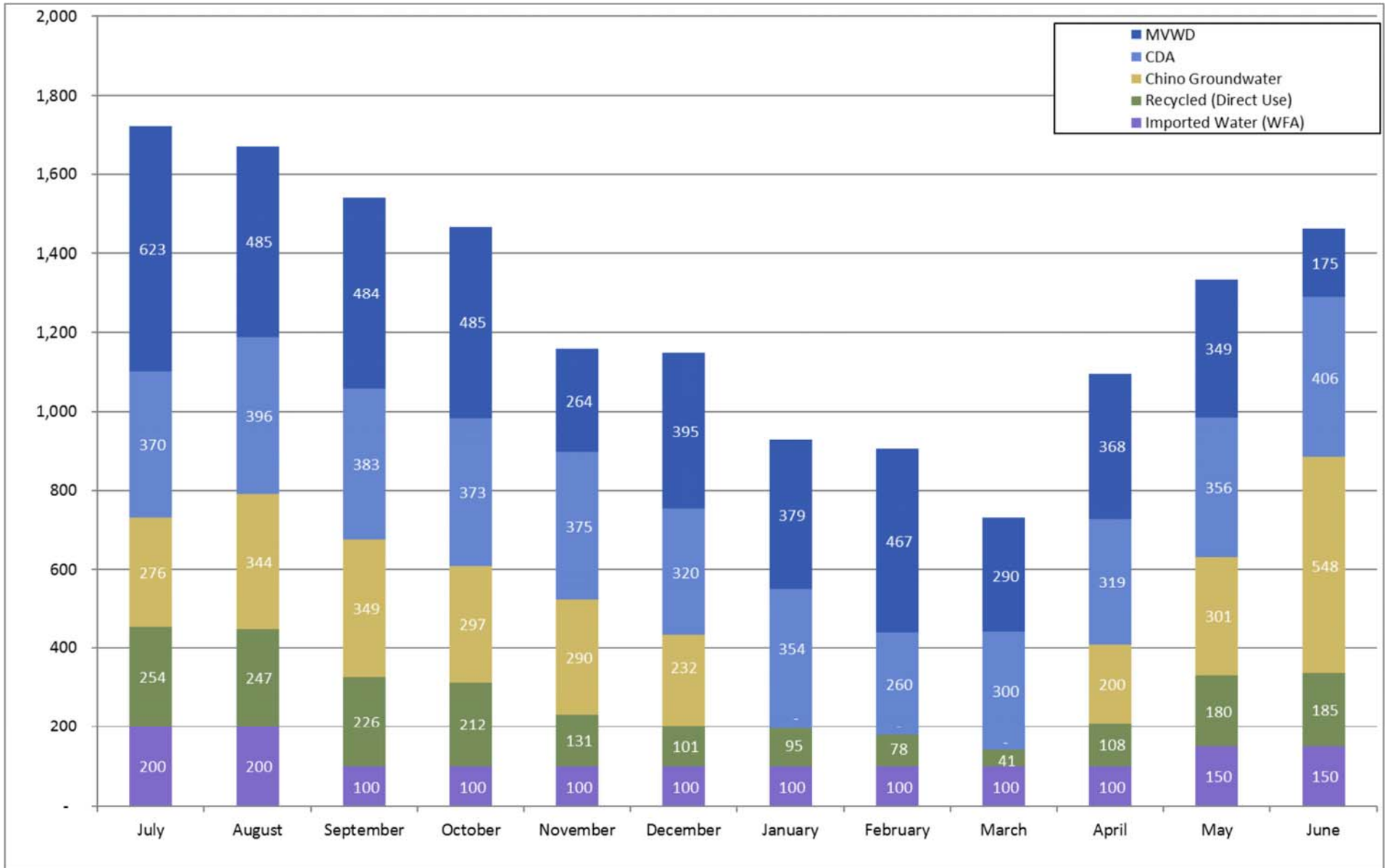
# FY 17/18 Water Use Report

## City of Chino

		Total IEUA Service Area Water Use By Agency for FY17-18 (AF)										City of Chino		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	577	419	398	317	289	307	356	324	294	265	374	374	4,292
	Recycle (Direct Use)	863	983	812	673	437	356	319	353	252	362	493	577	6,480
Subtotal		1,440	1,402	1,210	990	726	663	675	677	546	627	867	951	10,772
Production	Chino Groundwater	508	575	532	510	432	418	135	333	208	507	487	503	5,149
Subtotal		508	575	532	510	432	418	135	333	208	507	487	503	5,149
Agencies	CDA	433	474	459	438	435	384	415	304	333	373	443	510	4,999
Subtotal		433	474	459	438	435	384	415	304	333	373	443	510	4,999
Total		2,381	2,452	2,200	1,938	1,592	1,464	1,225	1,314	1,087	1,508	1,796	1,963	20,920

# FY 17/18 Water Use Report

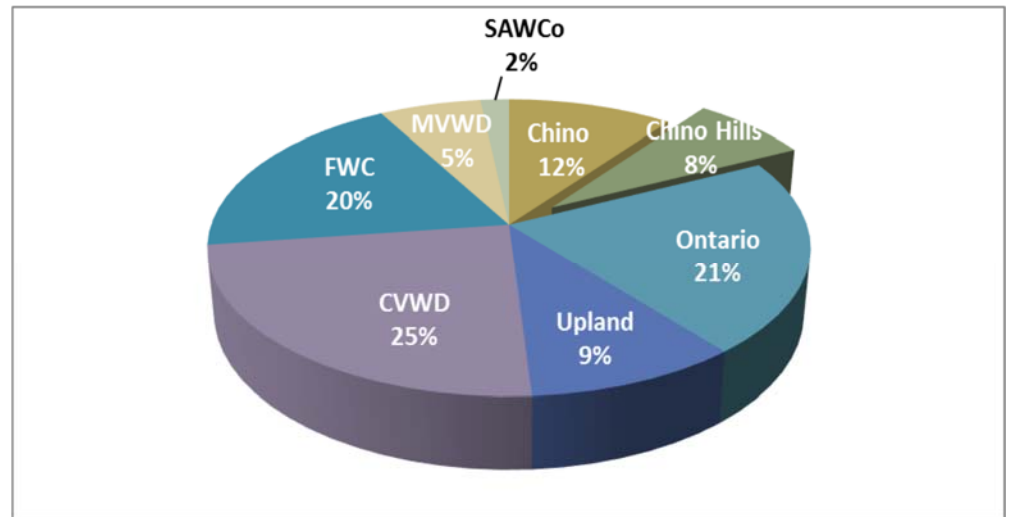
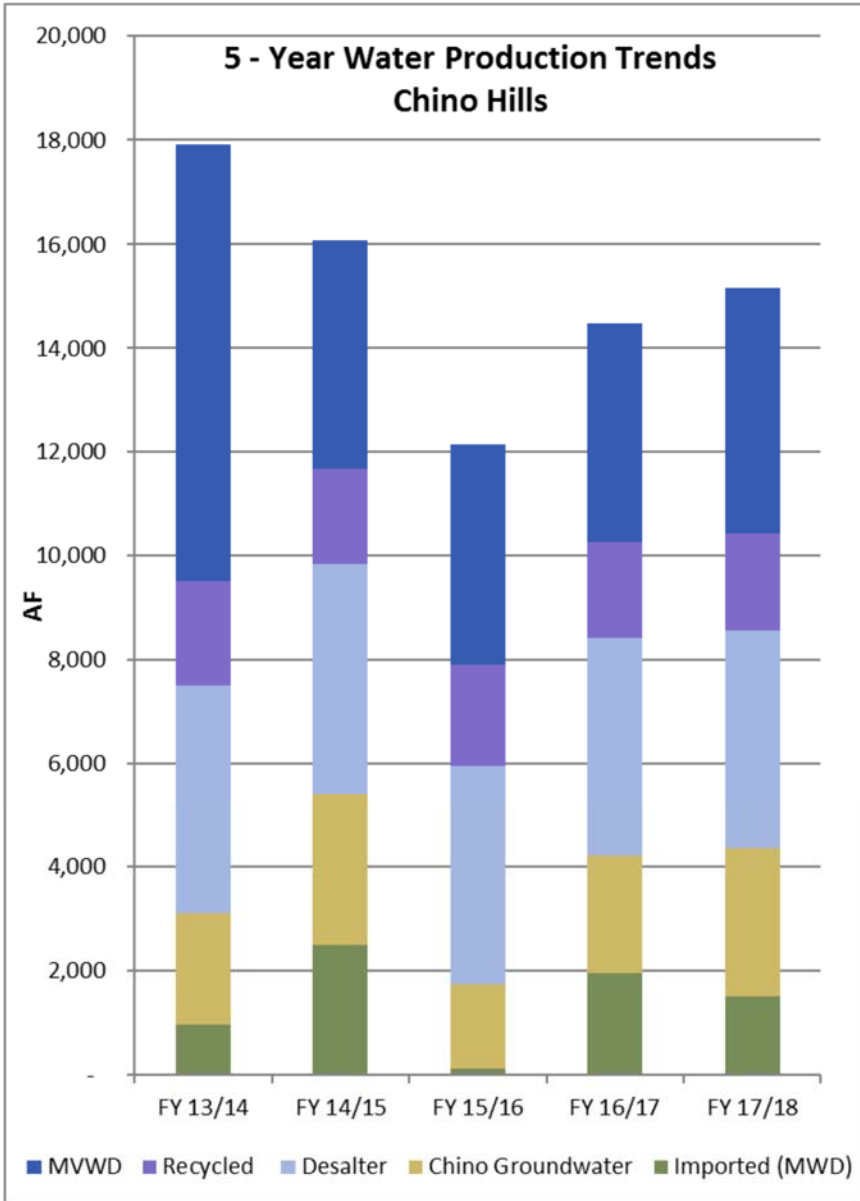
## City of Chino Hills





# FY 17/18 Water Use Report

## City of Chino Hills



**In FY 2017/18, The City of Chino Hills used 8% (15,171 AF) of 203,391 AF used in the IEUA service area.**

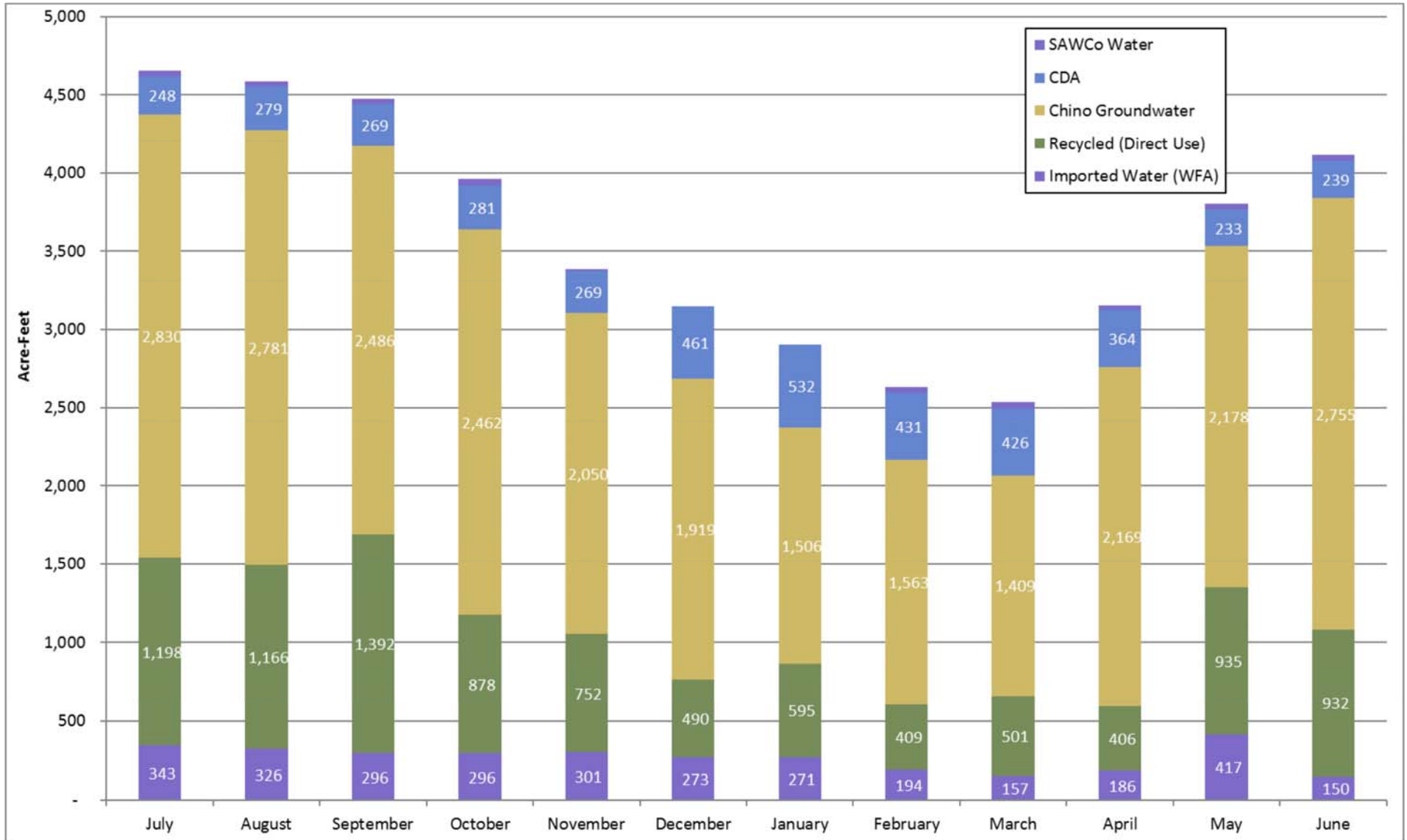
# FY 17/18 Water Use Report

## City of Chino Hills

		Total IEUA Service Area Water Use By Agency for FY17-18 (AF)										City of Chino Hills		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	200	200	100	100	100	100	100	100	100	100	150	150	1,500
	Recycle (Direct Use)	254	247	226	212	131	101	95	78	41	108	180	185	1,858
Subtotal		454	447	326	312	231	201	195	178	141	208	330	335	3,358
Production	Chino Groundwater	276	344	349	297	290	232	-	-	-	200	301	548	2,839
Subtotal		276	344	349	297	290	232	-	-	-	200	301	548	2,839
Purchase from other agencies	CDA	370	396	383	373	375	320	354	260	300	319	356	406	4,211
	MVWD	623	485	484	485	264	395	379	467	290	368	349	175	4,763
Subtotal		994	881	867	859	638	715	733	727	589	687	704	581	8,975
Total		1,724	1,672	1,542	1,468	1,160	1,148	928	905	730	1,095	1,335	1,464	15,171

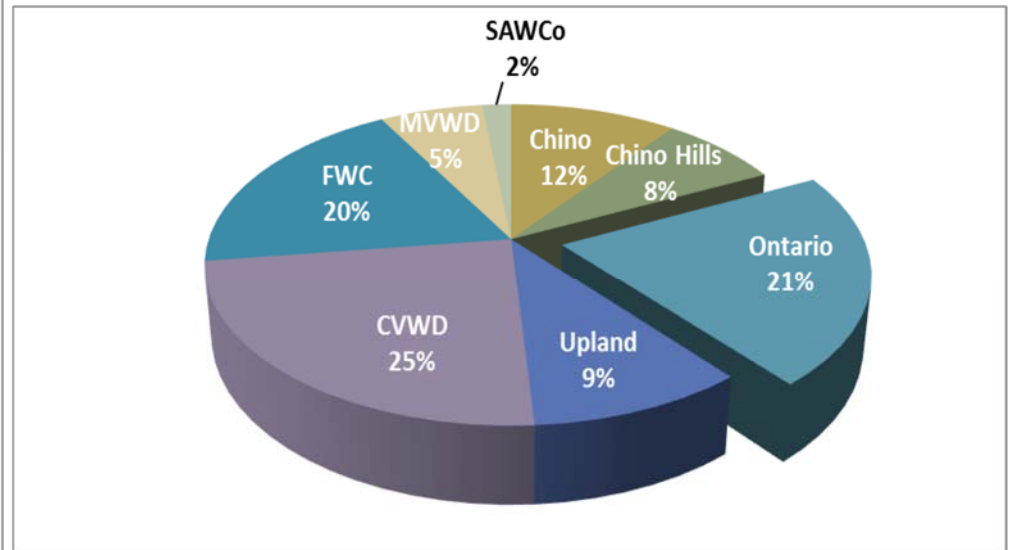
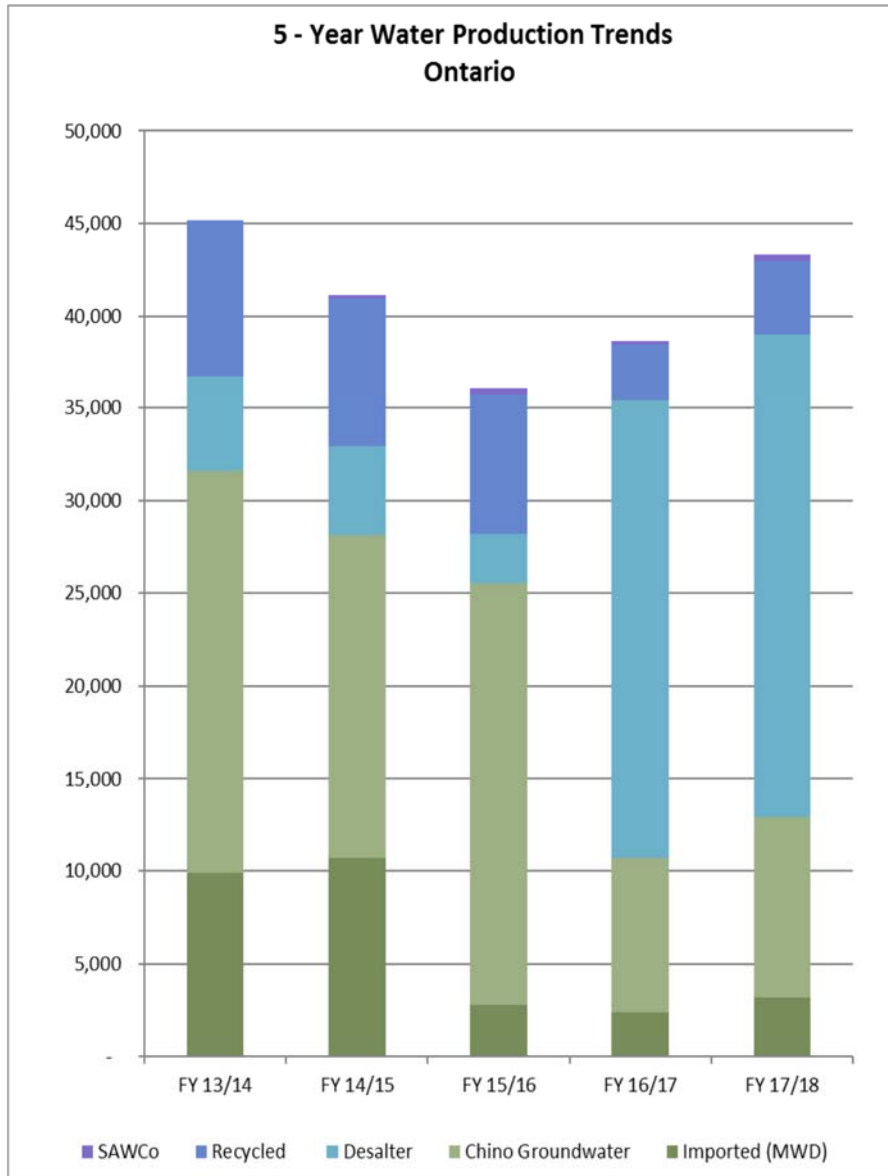
# FY 17/18 Water Use Report

## City of Ontario



# FY 17/18 Water Use Report

## City of Ontario



**In FY 2017/18, The City of Ontario used 21% (43,347 AF) of 203,391 AF used in the IEUA service area.**

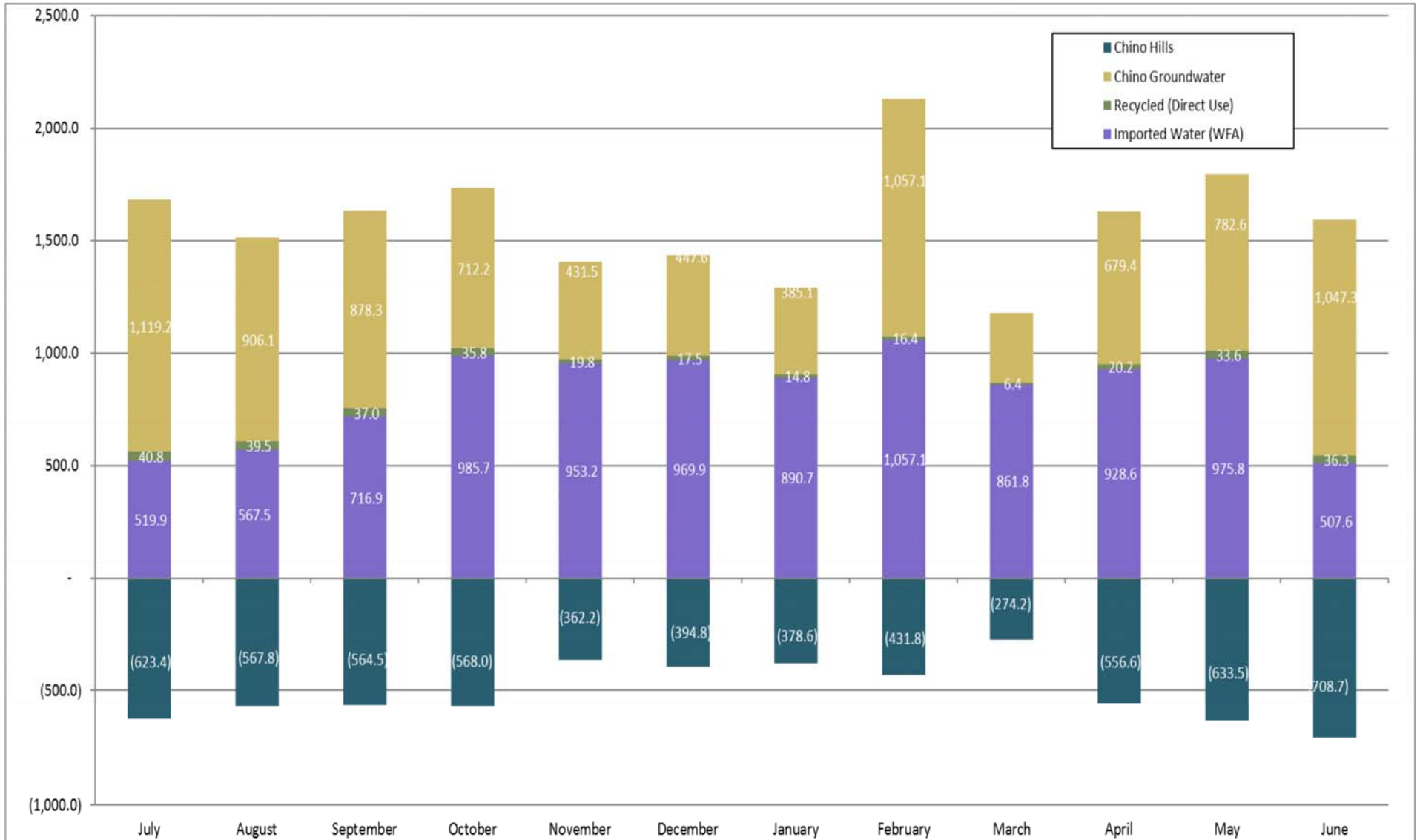
# FY 17/18 Water Use Report

## City of Ontario

		Total IEUA Service Area Water Use By Agency for FY17-18 (AF)										City of Ontario		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	343	326	296	296	301	273	271	194	157	186	417	150	3,211
	Recycle (Direct Use)	1198	1166	1392	878	752	490	595	409	501	406	935	932	9,654
Subtotal		1,541	1,492	1,688	1,174	1,053	763	866	603	658	592	1,352	1,082	12,865
Production	Chino Groundwater	2830	2781	2486	2462	2050	1919	1506	1563	1409	2169	2178	2755	26,109
Subtotal		2,830	2,781	2,486	2,462	2,050	1,919	1,506	1,563	1,409	2,169	2,178	2,755	26,109
Purchase from other agencies	CDA	248	279	269	281	269	461	532	431	426	364	233	239	4,032
	SAWCo Water	36	35	34	44	13	0	0	34	42	26	39	38	341
Subtotal		284	314	303	325	283	461	532	465	468	390	272	277	4,373
Total		4,656	4,587	4,477	3,961	3,386	3,144	2,904	2,631	2,535	3,151	3,802	4,113	43,347

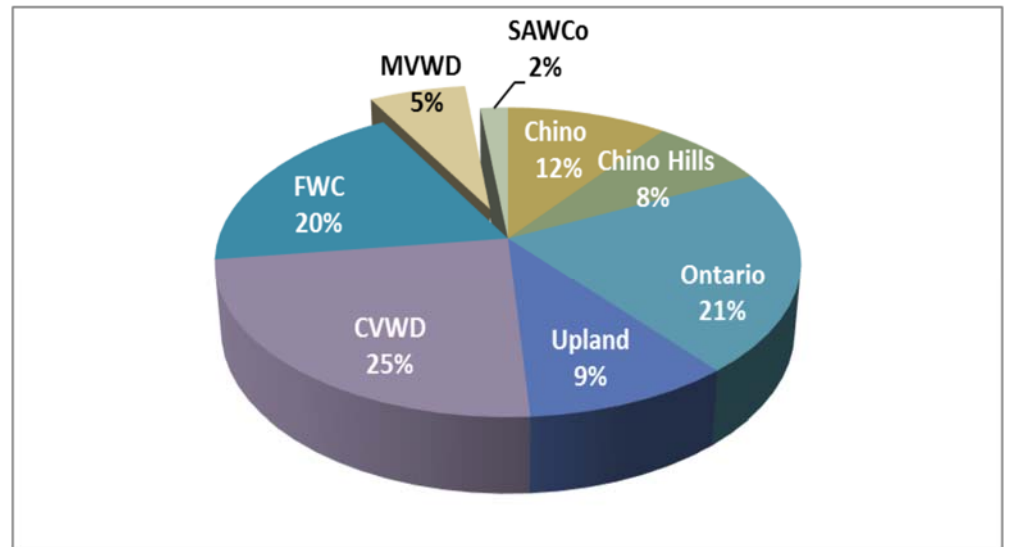
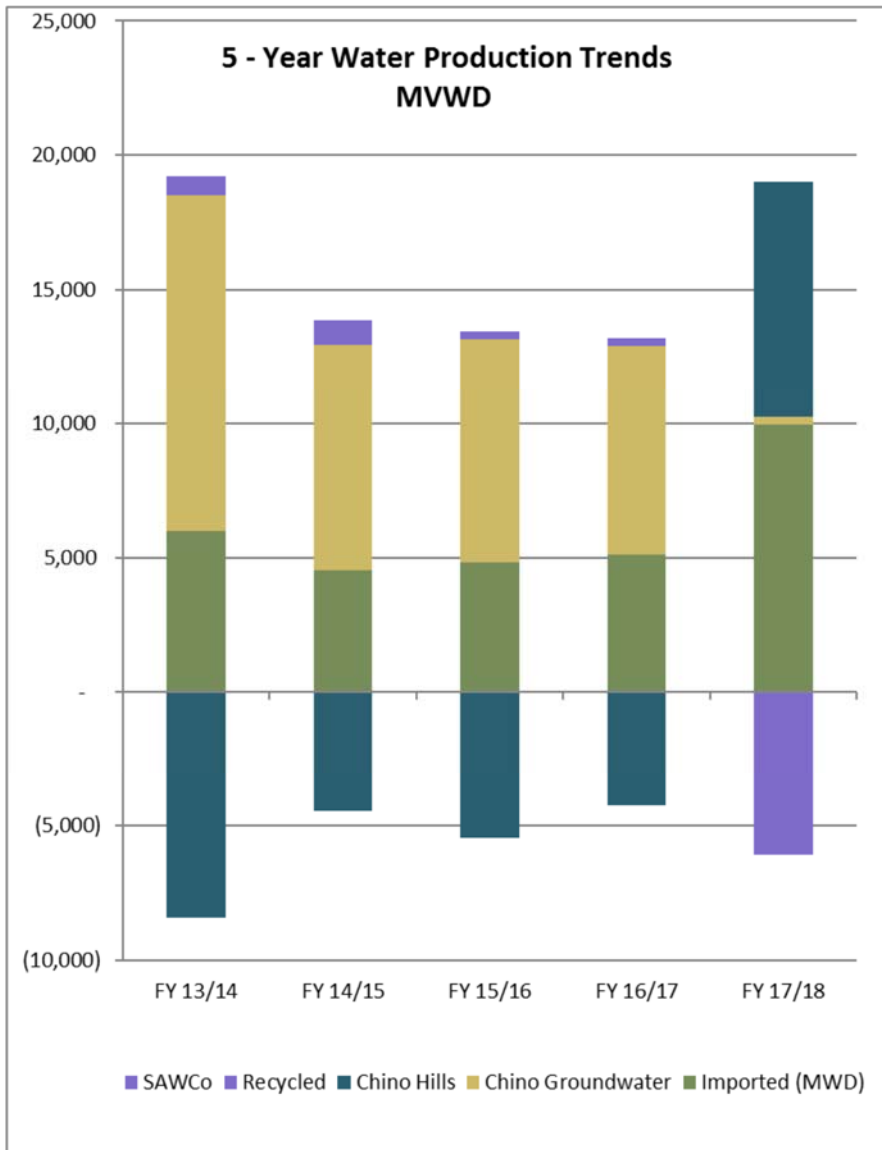
# FY 17/18 Water Use Report

## Monte Vista Water District



# FY 17/18 Water Use Report

## Monte Vista Water District



**In FY 2017/18, Monte Vista Water District used 5% (12,944 AF) of 203,391 AF used in the IEUA service area.**

# FY 17/18 Water Use Report

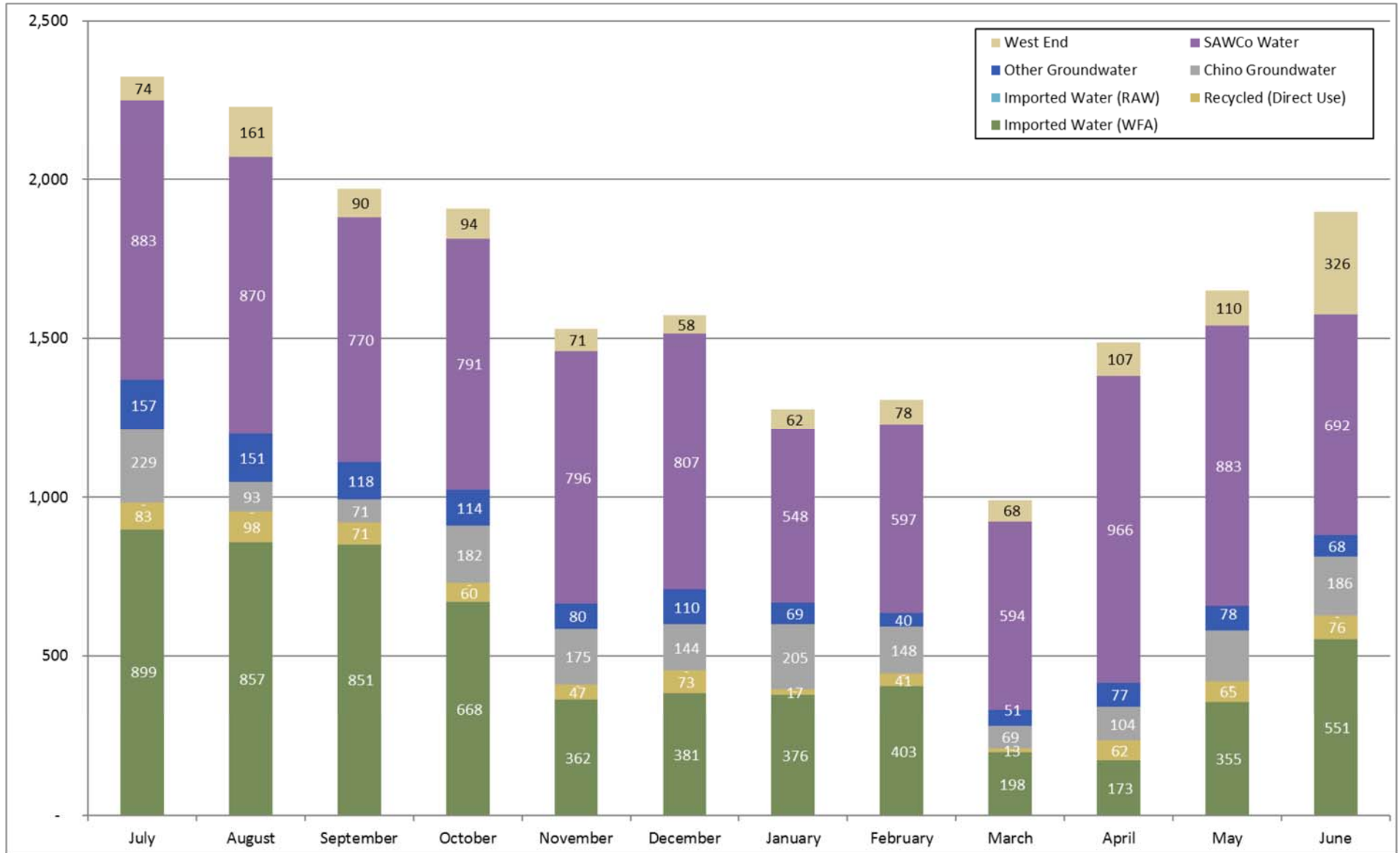
## Monte Vista Water District

		Total IEUA Service Area Water Use By Agency for FY17-18 (AF)										MVWD		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	520	568	717	986	953	970	891	1,057	862	929	976	508	9,935
	Recycle (Direct Use)	41	39	37	36	20	18	15	16	6	20	34	36	318
Subtotal		561	607	754	1,021	973	987	905	1,073	868	949	1,009	544	10,253
Production	Chino Groundwater	1,119	906	878	712	432	448	385	1,057	309	679	783	1,047	8,755
	Subtotal	1,119	906	878	712	432	448	385	1,057	309	679	783	1,047	8,755
Sales to other agencies	Chino Hills	(623)	(568)	(565)	(568)	(362)	(395)	(379)	(432)	(274)	(557)	(634)	(709)	(6,064)
	Subtotal	(623)	(568)	(565)	(568)	(362)	(395)	(379)	(432)	(274)	(557)	(634)	(709)	(6,064)
Total		1,056	945	1,068	1,166	1,042	1,040	912	1,699	902	1,072	1,158	882	12,944



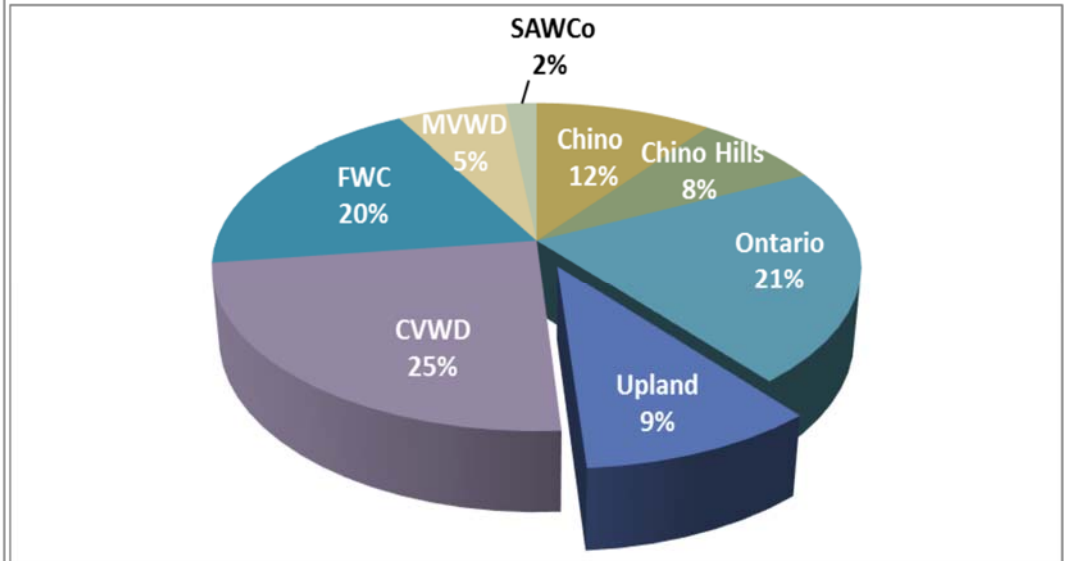
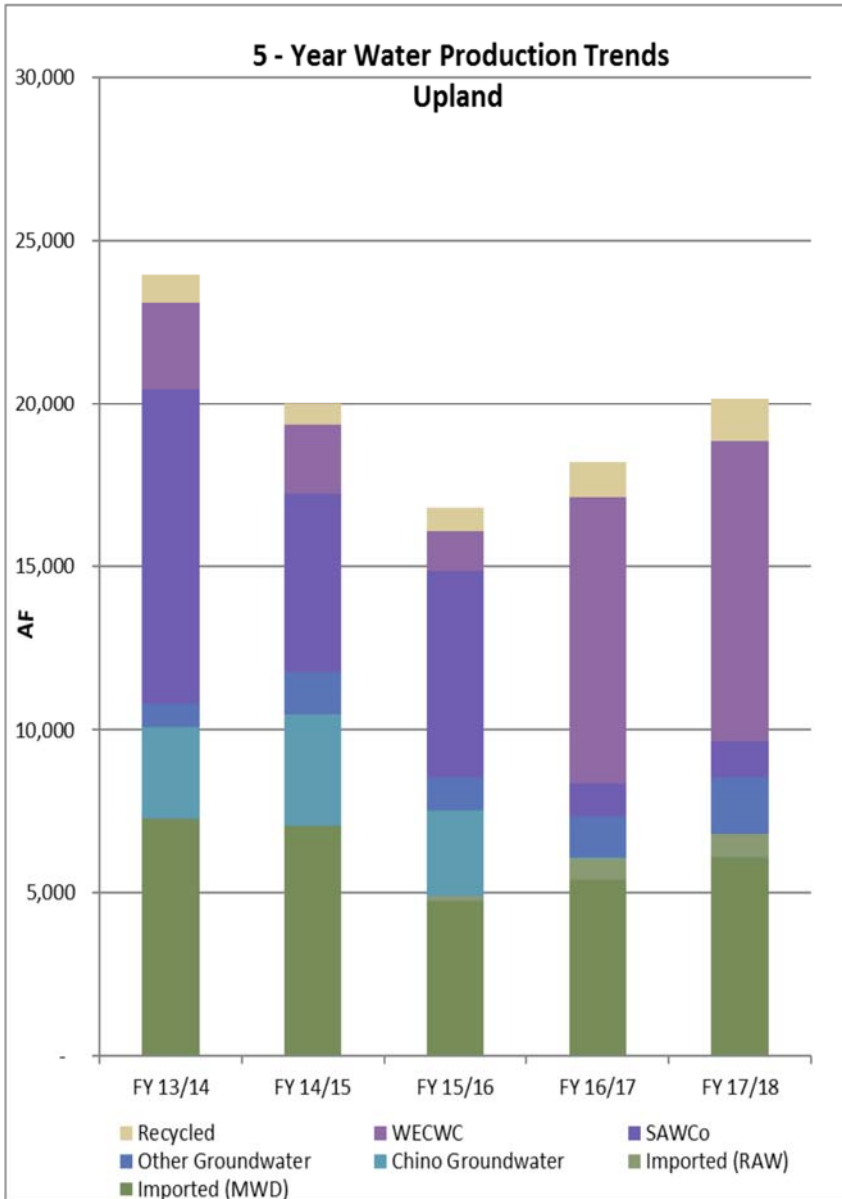
# FY 17/18 Water Use Report

## City of Upland



# FY 17/18 Water Use Report

## City of Upland



**In FY 2017/18, The City of Upland used 9% (20,150 AF) of 203,391 AF used in the IEUA service area.**

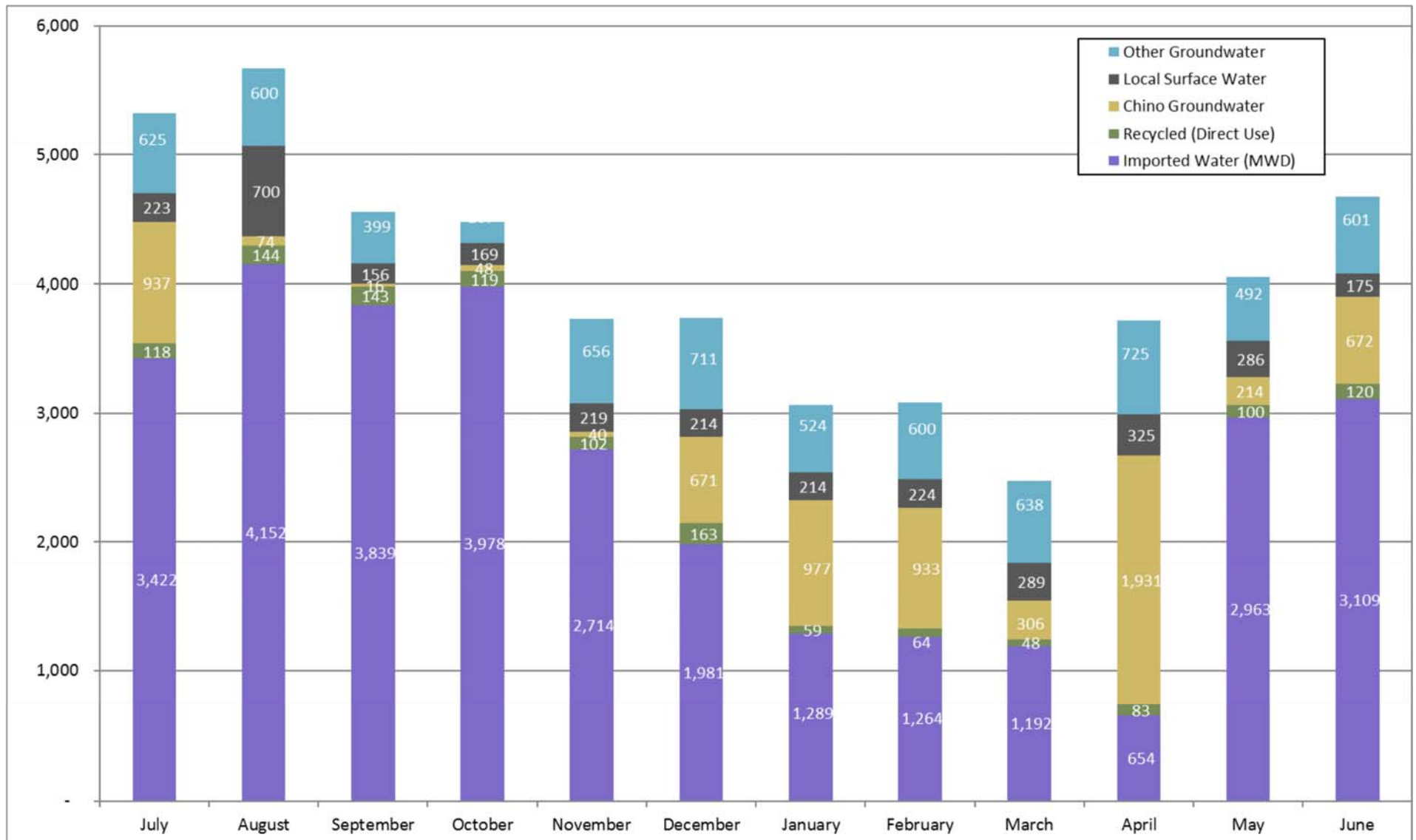
# FY 17/18 Water Use Report

## City of Upland

		Total IEUA Service Area Water Use By Agency for FY17-18 (AF)										City of Upland		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	899	857	851	668	362	381	376	403	198	173	355	551	6,073
	Recycle (Direct Use)	83	98	71	60	47	73	17	41	13	62	65	76	706
	Imported Water (RAW)	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Subtotal		982	955	922	728	409	454	393	444	211	235	420	627	6,779
Production	Chino Groundwater	229	93	71	182	175	144	205	148	69	104	158	186	1,764
	Other Groundwater	157	151	118	114	80	110	69	40	51	77	78	68	1,112
Subtotal		387	244	189	296	254	254	274	189	120	180	236	254	2,876
Purchase from other agencies	SAWCo Water	883	870	770	791	796	807	548	597	594	966	883	692	9,197
	West End	74	161	90	94	71	58	62	78	68	107	110	326	1,298
Subtotal		957	1,031	860	885	867	865	610	675	661	1,073	993	1,018	10,495
Total		2,326	2,231	1,971	1,909	1,530	1,573	1,277	1,307	991	1,488	1,649	1,899	20,150

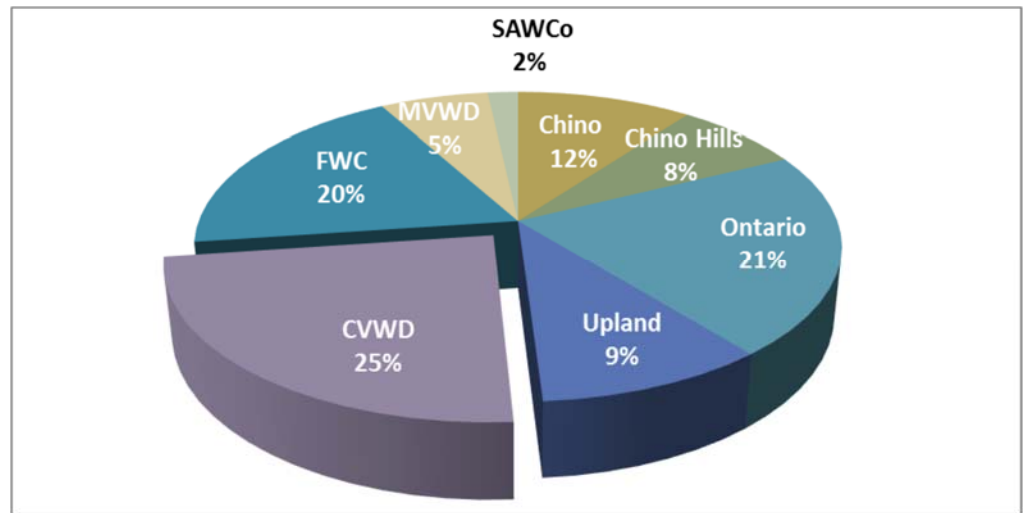
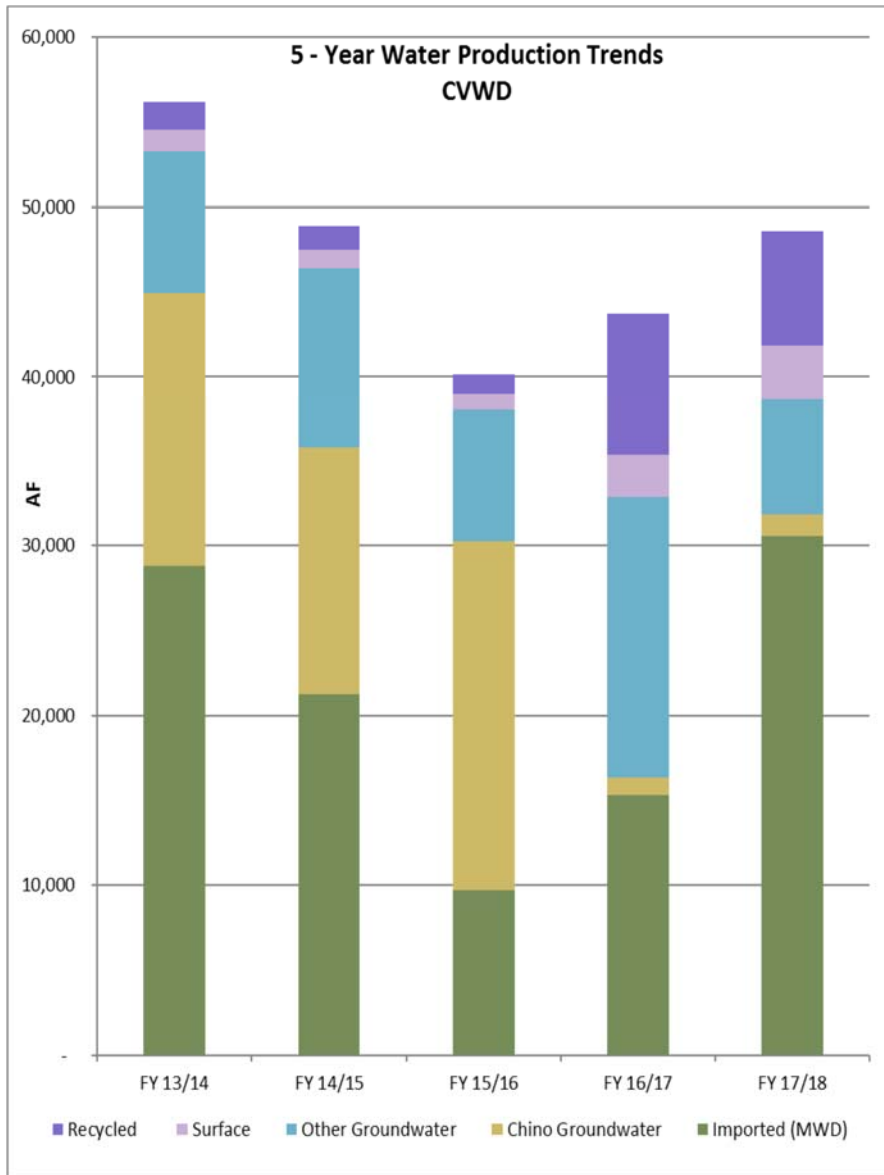
# FY 17/18 Water Use Report

## Cucamonga Valley Water District



# FY 17/18 Water Use Report

## Cucamonga Valley Water District



**In FY 2017/18, Cucamonga Valley Water District used 25% (48,573 AF) of 203,391 AF used in the service area.**

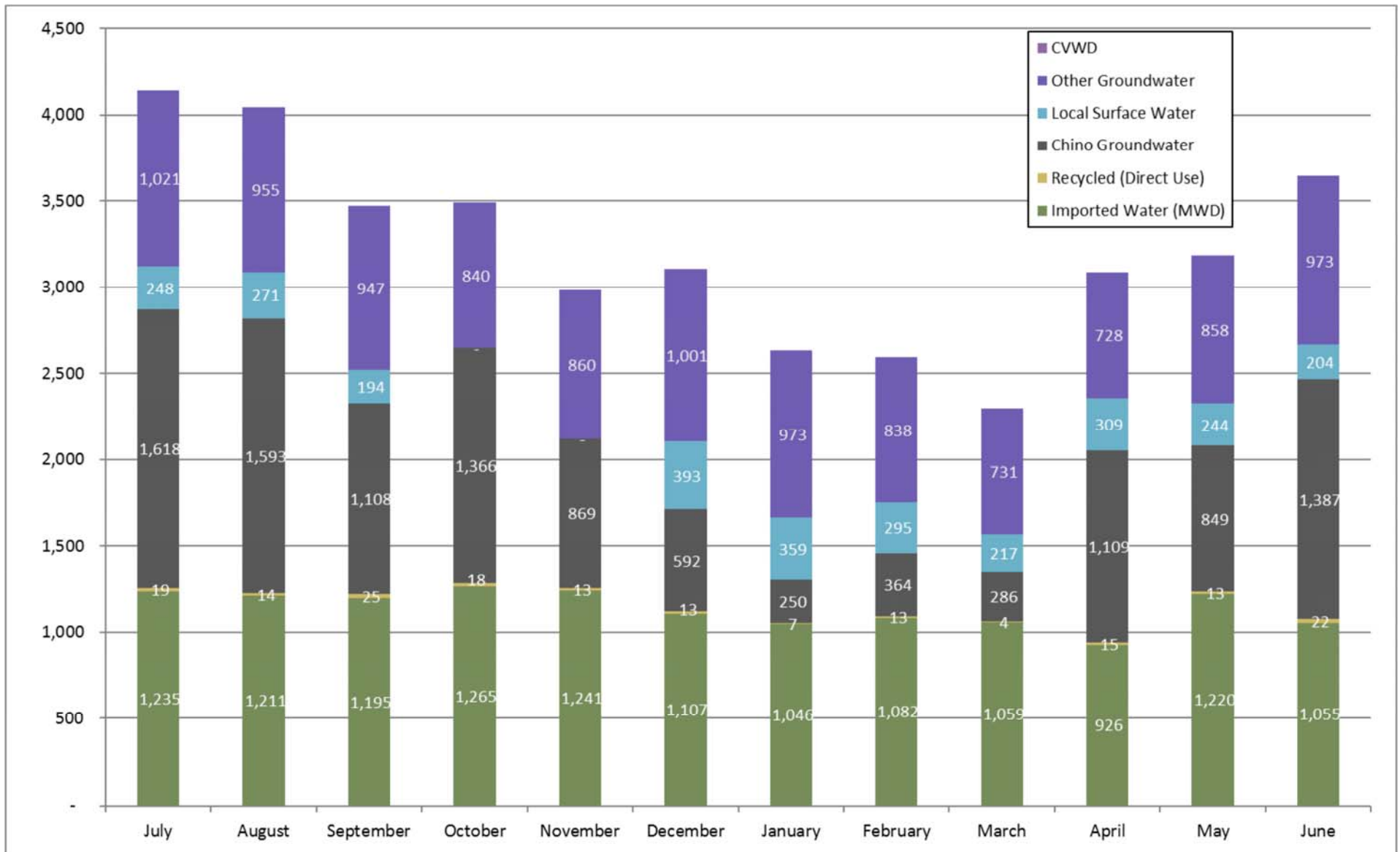
# FY 17/18 Water Use Report

## Cucamonga Valley Water District

		Total IEUA Service Area Water Use By Agency for FY17-18 (AF)										CVWD		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (MWD)	3422	4152	3839	3978	2714	1981	1289	1264	1192	654	2963	3109	30,559
	Recycle (Direct Use)	118	144	143	119	102	163	59	64	48	83	100	120	1,263
Subtotal		3,540	4,296	3,982	4,097	2,816	2,144	1,348	1,328	1,240	737	3,063	3,229	31,822
Production	Chino Groundwater	937	74	16	48	40	671	977	933	306	1931	214	672	6,819
	Other Groundwater	625	600	399	167	656	711	524	600	638	725	492	601	6,737
	Local Surface Water	223	700	156	169	219	214	214	224	289	325	286	175	3,195
Subtotal		1,785	1,373	572	384	915	1,596	1,715	1,757	1,234	2,981	992	1,448	16,751
Total		5,325	5,669	4,554	4,481	3,731	3,741	3,063	3,085	2,474	3,718	4,055	4,677	48,573

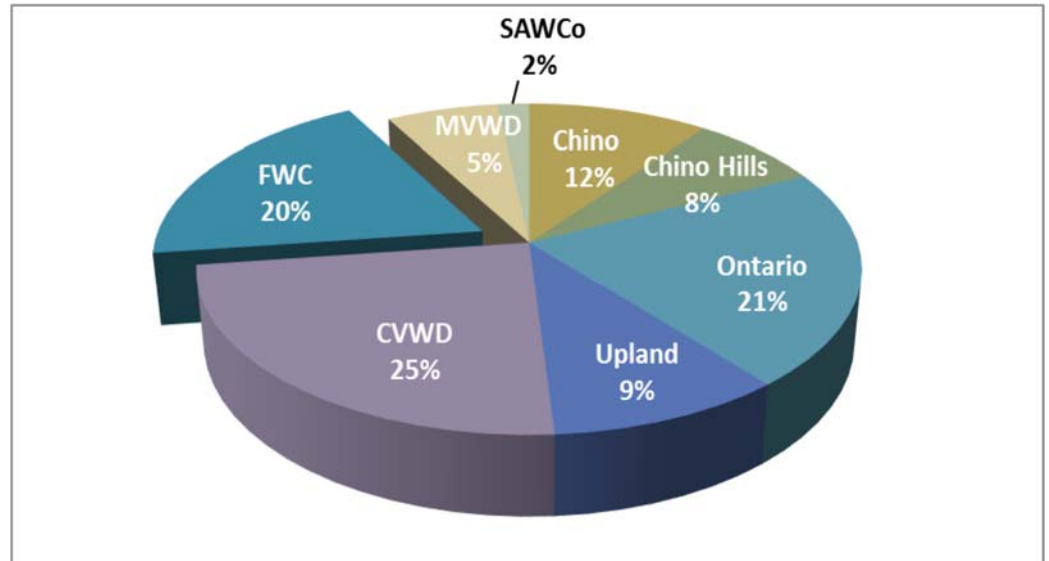
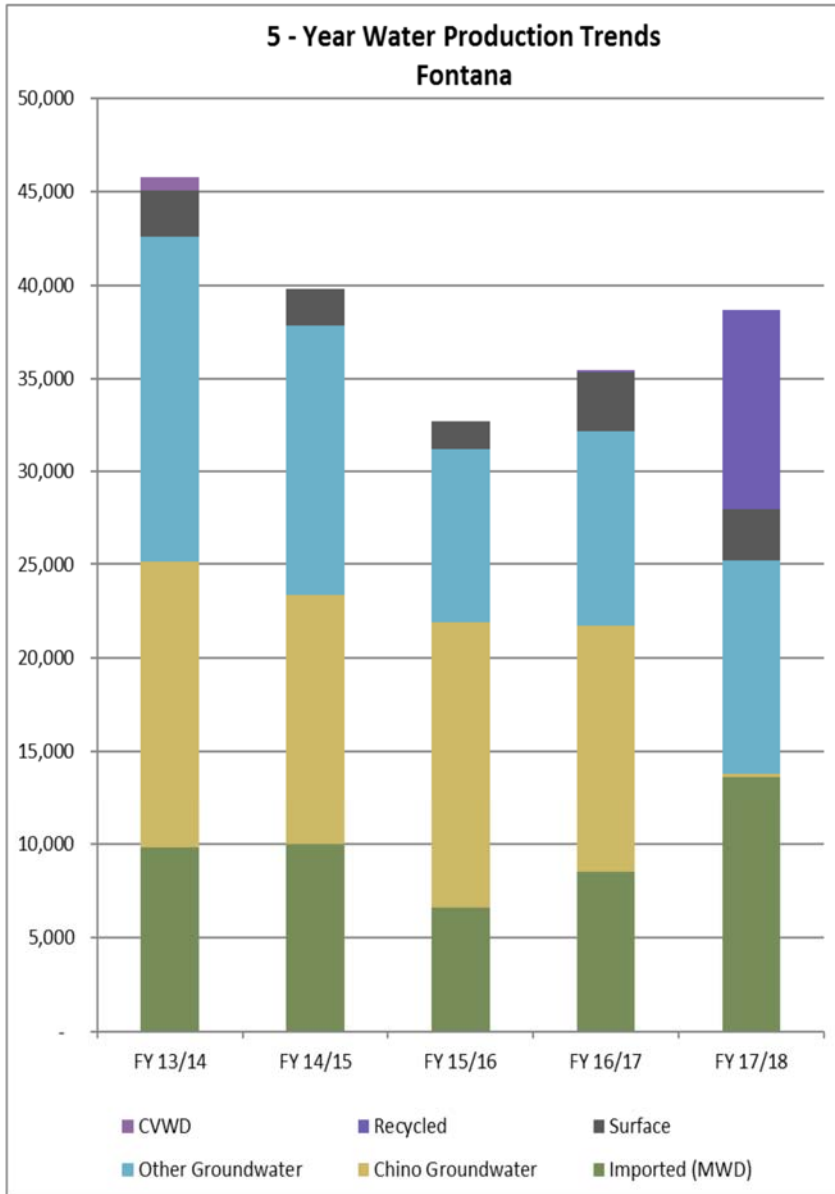
# FY 17/18 Water Use Report

## Fontana Water Company



# FY 17/18 Water Use Report

## Fontana Water Company



**In FY 2017/18, Fontana Water Company used 20% (38,670 AF) of 203,391 AF used in the IEUA service area.**



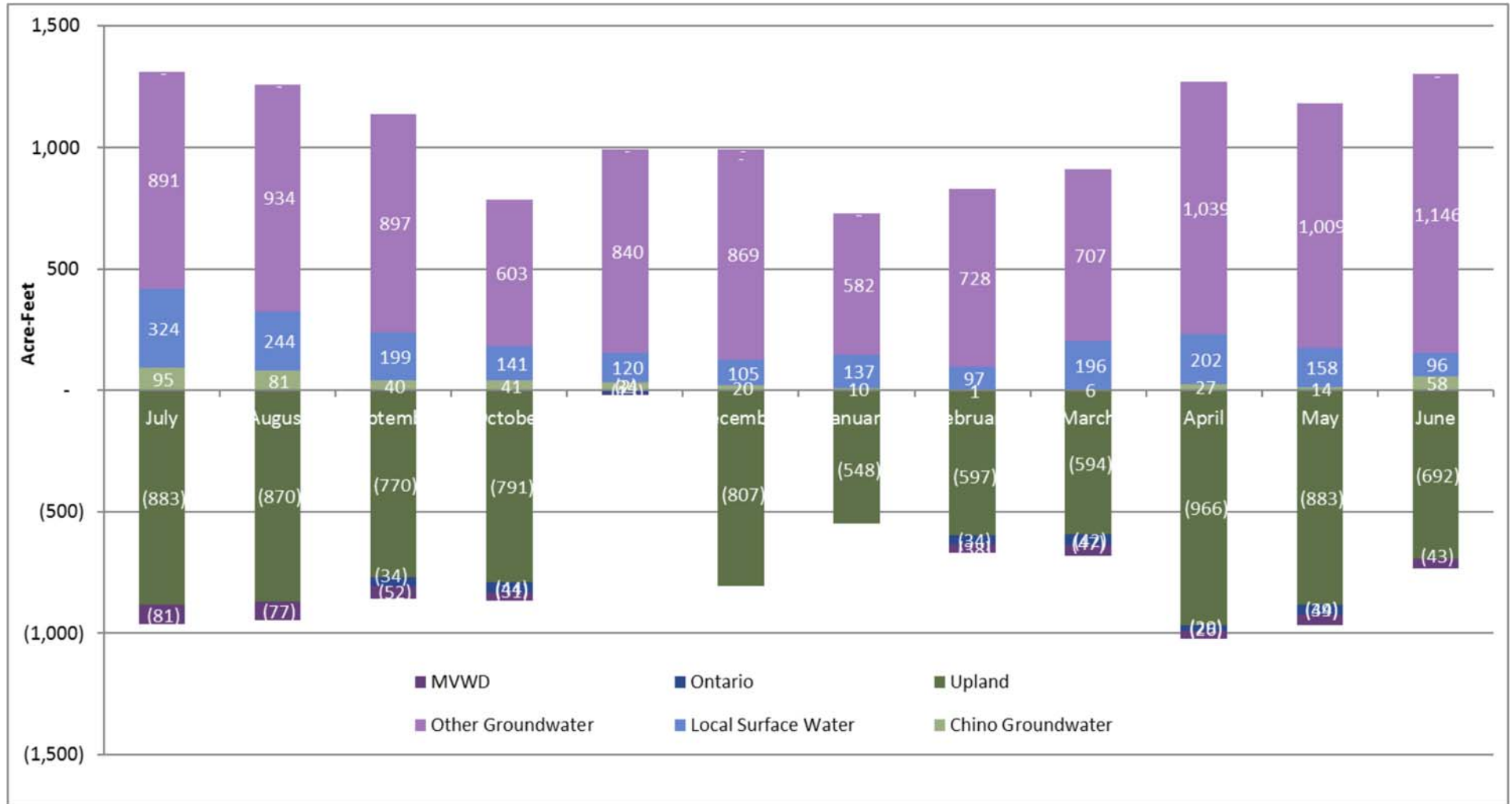
# FY 17/18 Water Use Report

## Fontana Water Company

		Total IEUA Service Area Water Use By Agency for FY17-18 (AF)										FWC		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (MWD)	1235	1211	1195	1265	1241	1107	1046	1082	1059	926	1220	1055	13,642
	Recycle (Direct Use)	19	14	25	18	13	13	7	13	4	15	13	22	176
Subtotal		1,254	1,225	1,220	1,283	1,254	1,120	1,053	1,095	1,063	941	1,233	1,077	13,818
Production	Chino Groundwater	1618	1593	1108	1366	869	592	250	364	286	1109	849	1387	11,392
	Other Groundwater	1021	955	947	840	860	1001	973	838	731	728	858	973	10,725
	Local Surface Water	248	271	194	0	0	393	359	295	217	309	244	204	2,735
Subtotal		2,888	2,819	2,249	2,206	1,728	1,985	1,581	1,498	1,234	2,147	1,952	2,564	24,852
Purchase from other agencies	CVWD	0	0	0	0	0	0	0	0	0	0	0	0	-
Subtotal		-	-	-	-	-	-	-	-	-	-	-	-	-
Total		4,142	4,044	3,469	3,489	2,983	3,105	2,634	2,593	2,297	3,088	3,185	3,641	38,670

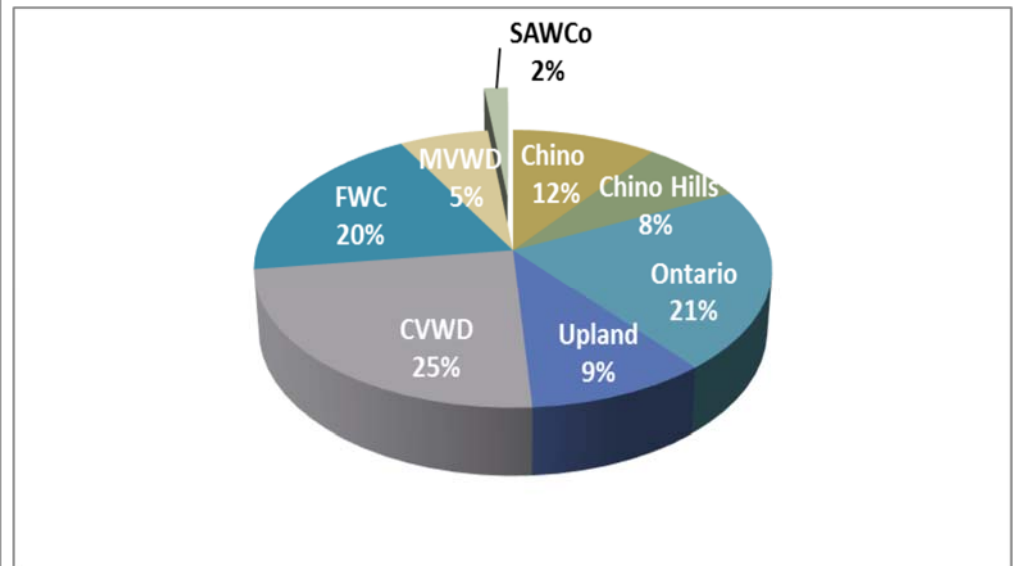
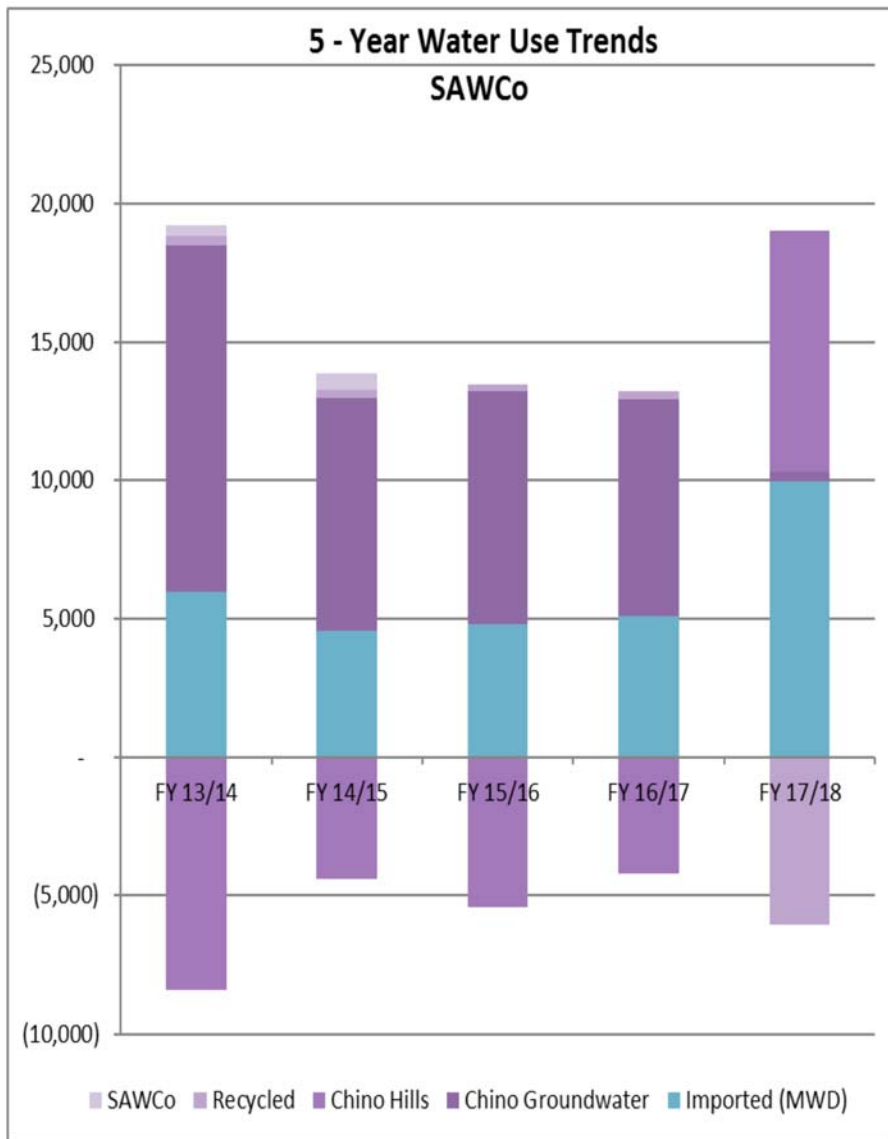
# FY 17/18 Water Use Report

## San Antonio Water Company



# FY 17/18 Water Use Report

## San Antonio Water Company



**In FY 2017/18, San Antonio Water Company used 2% (3,616 AF) of 203,391 AF used in the IEUA service area.**

# FY 17/18 Water Use Report

## San Antonio Water Company

		Total IEUA Service Area Water Use By Agency for FY17-18 (AF)											SAWCo	
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Production	Chino Groundwater	95	81	40	41	34	20	10	1	6	27	14	58	428
	Other Groundwater	891	934	897	603	840	869	582	728	707	1039	1009	1146	10,245
	Local Surface Water	324	244	199	141	120	105	137	97	196	202	158	96	2,020
Subtotal		1,311	1,259	1,136	785	994	994	729	826	910	1,268	1,181	1,300	12,693
Sales to other agencies	Ontario	0	0	-34	-44	-13	0	0	-34	-42	-26	-39	0	(232)
	Upland	-883	-870	-770	-791	0	-807	-548	-597	-594	-966	-883	-692	(8,401)
	MVWD	-81	-77	-52	-31	-2	0	0	-38	-47	-29	-44	-43	(444)
Subtotal		(964)	(947)	(856)	(866)	(15)	(807)	(548)	(669)	(683)	(1,021)	(966)	(735)	(9,077)
Total		347	312	280	(81)	979	187	181	157	227	247	215	565	3,617

**SECTION 3**  
**Appendices**

**APPENDIX A**  
**Five year Historical Data Summary**

FY 17-18		Total IEUA Service Area Water Use by Retail Agency for FY 17-18 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	4,292	1,500	3,211	6,073	30,559	13,642	9,935	0	69,212
	Recycled (Direct Use)	6,480	1,858	9,654	706	1,263	176	318	0	20,455
<b>Subtotal</b>		<b>10,772</b>	<b>3,358</b>	<b>12,865</b>	<b>6,779</b>	<b>31,822</b>	<b>13,818</b>	<b>10,253</b>	<b>0</b>	<b>89,667</b>
Production	Chino Groundwater	5,149	2,839	26,109	1,764	6,819	11,392	8,755	428	63,255
	Other Groundwater	0	0	0	1,112	6,737	10,725	0	10,245	28,819
	Local Surface Water	0	0	0	0	3,195	2,735	0	2,020	7,950
<b>Subtotal</b>		<b>5,149</b>	<b>2,839</b>	<b>26,109</b>	<b>2,876</b>	<b>16,751</b>	<b>24,852</b>	<b>8,755</b>	<b>12,693</b>	<b>100,024</b>
Purchases from Other Agencies	CDA	4,999	4,211	4,032	0	0	0	0	0	13,242
	MVWD*	0	4,763	0	0	0	0	0	0	4,763
	SAWCo Water	0	0	341	9,197	0	0	0	0	9,538
	West End	0	0	0	1,298	0	0	0	0	1,298
	CVWD	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>		<b>4,999</b>	<b>8,974</b>	<b>4,373</b>	<b>10,495</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,841</b>
Sales to Other Agencies*	Chino Hills**	0	0	0	0	0	0	-6,064	0	-6,064
	Ontario	0	0	0	0	0	0	0	-232	-232
	Upland	0	0	0	0	0	0	0	-8,401	-8,401
	MVWD	0	0	0	0	0	0	0	-444	-444
<b>Subtotal</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-6,064</b>	<b>-9,077</b>	<b>-15,141</b>
<b>Total</b>		<b>20,920</b>	<b>15,171</b>	<b>43,347</b>	<b>20,150</b>	<b>48,573</b>	<b>38,670</b>	<b>12,944</b>	<b>3,616</b>	<b>203,391</b>

FY 16-17		Total IEUA Service Area Water Use by Retail Agency for FY 16-17 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	3,469	1,954	2,364	5,406	15,288	8,510	5,105	0	42,096
	Recycled (Direct Use)	6,447	1,838	8,352	652	1,056	52	306	0	18,703
Subtotal		<b>9,916</b>	<b>3,792</b>	<b>10,716</b>	<b>6,058</b>	<b>16,344</b>	<b>8,562</b>	<b>5,411</b>	<b>0</b>	<b>60,799</b>
Production	Chino Groundwater	4,972	2,245	24,672	1,260	16,549	13,251	7,786	537	71,272
	Other Groundwater	0	0	0	1,026	8,386	10,338	0	8,739	28,490
	Local Surface Water	0	0	0	0	2,448	3,230	0	5,282	10,960
Subtotal		<b>4,972</b>	<b>2,245</b>	<b>24,672</b>	<b>2,286</b>	<b>27,384</b>	<b>26,818</b>	<b>7,786</b>	<b>14,558</b>	<b>110,721</b>
Purchases from Other Agencies	CDA	5,008	4,206	3,077	0	0	0	0	0	12,292
	MVWD*	0	4,237	0	0	0	0	0	0	4,237
	SAWCo Water	0	0	171	8,791	0	0	0	0	8,961
	West End	0	0	0	1,068	0	0	0	0	1,068
	CVWD	0	0	0	0	0	39	0	0	39
Subtotal		<b>5,008</b>	<b>8,444</b>	<b>3,248</b>	<b>9,858</b>	<b>0</b>	<b>39</b>	<b>0</b>	<b>0</b>	<b>26,597</b>
Sales to Other Agencies*	Chino Hills**	0	0	0	0	0	0	-4,818	0	-4,818
	Ontario	0	0	0	0	0	0	0	-171	-171
	Upland	0	0	0	0	0	0	0	-8,791	-8,791
	MVWD	0	0	0	0	0	0	0	-278	-278
Subtotal		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-4,818</b>	<b>-9,240</b>	<b>-14,058</b>
Total		<b>19,896</b>	<b>14,481</b>	<b>38,636</b>	<b>18,203</b>	<b>43,728</b>	<b>35,419</b>	<b>8,379</b>	<b>5,318</b>	<b>184,060</b>



FY 15-16		Total IEUA Service Area Water Use by Retail Agency for FY 15-16 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	2,843	110	2,755	4,890	9,712	6,613	4,799	0	31,722
	Recycled (Direct Use)	7,217	1,410	7,566	719	1,146	0	278	0	18,336
Subtotal		10,060	1,520	10,321	5,609	10,857	6,613	5,078	0	50,058
Production	Chino Groundwater	5,104	1,630	22,755	2,601	20,524	15,317	8,371	0	76,302
	Other Groundwater	0	0	0	1,054	7,783	9,253	0	8,517	26,607
	Local Surface Water	0	0	0	0	1,002	1,497	0	0	2,499
Subtotal		5,104	1,630	22,755	3,655	29,309	26,067	8,371	8,517	105,408
Purchases from Other Agencies	CDA	5,000	4,201	2,682	0	0	0	0	0	11,883
	MVWD	0	5,642	0	0	0	0	0	0	5,642
	SAWCo Water	0	0	338	6,297	0	0	0	0	6,635
	West End	0	0	0	1,246	0	0	0	0	1,246
Subtotal		5,000	9,843	3,020	7,543	0	0	0	0	25,406
Sales to Other Agencies*	Chino Hills	0	0	0	0	0	0	-5,437	0	-5,437
	Ontario	0	0	0	0	0	0	0	-338	-338
	Upland	0	0	0	0	0	0	0	-6,297	-6,297
Subtotal		0	0	0	0	0	0	-5,437	-6,635	-12,072
Total		20,163	12,993	36,096	16,807	40,166	32,681	8,012	1,882	168,800

FY 14-15		Total IEUA Service Area Water Use by Retail Agency for FY 14-15 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	2,830	2,494	10,703	7,047	21,306	9,994	4,530	0	58,905
	Recycled (Direct Use)	8,324	1,827	8,018	636	1,400	0	308	0	20,513
Subtotal		11,154	4,321	18,721	7,684	22,705	9,994	4,838	0	79,418
Production	Chino Groundwater	6,497	2,904	17,426	3,416	14,490	13,344	8,407	0	66,485
	Other Groundwater	0	0	0	1,291	10,631	14,500	0	6,091	32,513
	Local Surface Water	0	0	0	0	1,076	1,969	0	0	3,044
Subtotal		6,497	2,904	17,426	4,708	26,196	29,813	8,407	6,091	102,042
Purchases from Other Agencies	CDA	5,232	4,426	4,827	0	0	0	0	0	14,485
	MVWD	0	4,436	0	0	0	0	0	0	4,436
	SAWCo Water	0	0	172	5,461	0	0	612	0	6,246
	West End	0	0	0	2,139	0	0	0	0	2,139
Subtotal		5,232	8,862	5,000	7,601	0	0	612	0	27,306
Sales to Other Agencies	Chino Hills	0	0	0	0	0	0	-4,439	0	-4,439
	MVWD	0	0	0	0	0	0	0	-612	-612
	Ontario	0	0	0	0	0	0	0	-172	-172
	Upland	0	0	0	0	0	0	0	-3,177	-3,177
Subtotal		0	0	0	0	0	0	-4,439	-3,961	-8,400
Total		22,884	16,087	41,147	19,992	48,902	39,807	9,419	2,129	200,366

FY 13-14		Total IEUA Service Area Water Use by Retail Agency for FY 13-14 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	4,342	962	9,904	7,265	28,825	9,792	5,965	0	67,055
	Recycled (Direct Use)	8,916	2,002	8,428	869	1,652	0	339	0	22,205
Subtotal		13,258	2,964	18,332	8,134	30,477	9,792	6,304	0	89,261
Production	Chino Groundwater	6,725	2,138	21,723	2,822	16,122	15,378	12,522	0	77,430
	Other Groundwater	0	0	0	704	8,324	17,454	0	12,610	39,092
	Local Surface Water	0	0	0	0	1,254	2,405	0	0	3,658
Subtotal		6,725	2,138	21,723	3,526	25,700	35,236	12,522	12,610	120,180
Purchases from Other Agencies	CDA	5,198	4,396	5,141	0	0	0	0	0	14,735
	CVWD	0	0	0	0	0	757	0	0	757
	MVWD	0	8,427	0	0	0	0	0	0	8,427
	SAWCo Water	0	0	0	9,662	0	0	400	0	10,063
	West End	0	0	0	2,653	0	0	0	0	2,653
Subtotal		5,198	12,824	5,141	12,316	0	757	400	0	36,636
Sales to Other Agencies	Chino Hills	0	0	0	0	0	0	-8,428	0	-8,428
	MVWD	0	0	0	0	0	0	0	-400	-400
	Upland	0	0	0	0	0	0	0	-9,662	-9,662
Subtotal		0	0	0	0	0	0	-8,428	-10,063	-18,490
Total		25,181	17,926	45,196	23,975	56,177	45,785	10,798	2,547	227,586

# **APPENDIX B**

## **Definitions**

**Chino Basin Groundwater** – Water pumped from the Chino Basin Aquifer and treated by retail water agencies for all potable uses within the IEUA service area.

**Desalter Water** – Water pumped from Chino Basin Desalter I owned and operated by the Chino Basin Desalter Authority (CDA). Groundwater, with high levels of dissolved solids, is treated and distributed to several retail agencies within the IEUA’s service area for potable uses.

**Imported Water (MWD)** – Water from Northern California and supplied by the Metropolitan Water District of Southern California (MWD), and water transferred from other groundwater basins to retail water agencies operating within the IEUA service area. All Tier I and Tier II deliveries are included in this category.

**Other Groundwater** – Water produced from other local groundwater basins to retail water agencies operating within IEUA’s service area.

**Surface Water** – Water collected by retail water agencies from mountain runoff and storm flows, which is collected and treated for potable use.

**Recycled Water** – Title 22 recycled water produced by the IEUA at its water recycling plants for distribution through separate pipelines to retail water agency customers for all non-potable uses.

**WECWC**– West End Consolidated Water Company supplies some water to the City of Upland.

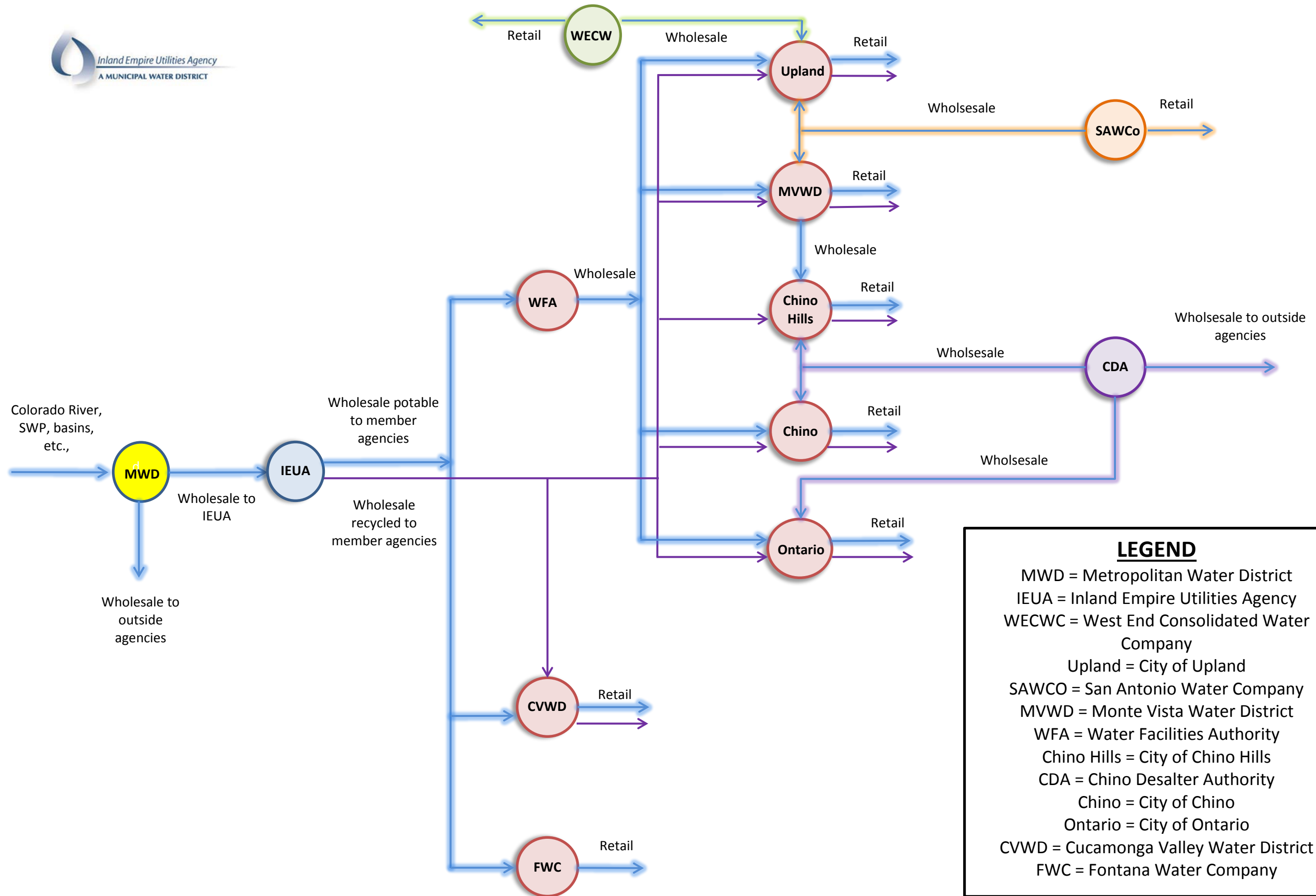
**WVWD** – West Valley Water District

**Production** – Amount of water Agencies produce from their groundwater, surface water, or other water supplies that they have rights or jurisdiction over.

**Use** – Amount of water used within a member agency’s jurisdiction, as reported by them to IEUA.

## **APPENDIX C**

### **Member Agency Organizational Chart**



**LEGEND**

- MWD = Metropolitan Water District
- IEUA = Inland Empire Utilities Agency
- WECWC = West End Consolidated Water Company
- Upland = City of Upland
- SAWCO = San Antonio Water Company
- MVWD = Monte Vista Water District
- WFA = Water Facilities Authority
- Chino Hills = City of Chino Hills
- CDA = Chino Desalter Authority
- Chino = City of Chino
- Ontario = City of Ontario
- CVWD = Cucamonga Valley Water District
- FWC = Fontana Water Company