

San Juan Water District Wholesale total annual **water production** (in acre-feet)

<b>Year</b>	<b>Production including wells</b>	<b>Production without wells</b>
2013	50,053	48,268
2014	39,441	35,037
Average	44,747	41,653

San Juan Water District Wholesale **source of water and supply availability** (in acre-feet)

<b>Supply Source</b>	<b>Water Year 2017</b>	<b>Water Year 2018</b>	<b>Water Year 2019</b>
Water Rights	33,000	33,000	33,000
PCWA contract water	20,300	17,700	10,000
CVP	24,200	3,000	3,000
Total supply	77,500	53,700	46,000

46,000AF (.3) = 13,800AF available from SJWD Wholesale

13,800 SW + 900GW = 14,700 total available water supply

14,424 projected demand for dry year (UWMP)

14,700-14,424 = 276AF (surplus)

SWRCB Conservation Target = 0

$$2017 = 77,500(0.3) = 23,250 + 900 = 24,150$$

$$2018 = 53,700 (0.3) = 16,110 + 900 = 17,010$$

$$2019 = 46,000 (0.3) = 13,800 + 900 = 14,700$$

Table 6-9 Retail: Water Supplies — Projected											
Water Supply	Additional Detail on Water Supply	Projected Water Supply <i>Report To the Extent Practicable</i>									
		2020		2025		2030		2035		2040 (optional)	
		Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield
Purchased or Imported Water	SJWD	16,070		16,483		16,897		17,310			
	CHWD groundwater	900		900		900		900			
<b>Total</b>		16,970	0	17,383	0	17,797	0	18,210	0	0	0

NOTES: Supply from SJWD matches demand minus CHWD groundwater.

As indicated in the tables, CHWD projects sufficient supplies during each dry year type. The groundwater supply, plus potential demand reductions during shortage periods, is assumed to provide sufficient reliability for these planning purposes.

<b>Table 7-2 Retail: Normal Year Supply and Demand Comparison</b>					
	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040 (Opt)</b>
Supply totals <i>(auto/ill from Table 6-9)</i>	<b>16,970</b>	<b>17,383</b>	<b>17,797</b>	<b>18,210</b>	
<b>Demand totals</b> <i>(auto/ill from Table 4-3)</i>	<b>16,970</b>	<b>17,383</b>	<b>17,797</b>	<b>18,210</b>	
Difference	0	0	0	0	

<b>Table 7-3 Retail: Single Dry Year Supply and Demand Comparison</b>					
	2020	2025	2030	2035	2040 (Opt)
Supply totals	14,424	14,775	15,127	15,478	
Demand totals	14,424	14,775	15,127	15,478	
Difference	0	0	0	0	
NOTES: Demands reduced 15percent.					

<b>Table 7-4 Retail: Multiple Dry Years Supply and Demand Comparison</b>						
		2020	2025	2030	2035	2040 (Opt)
First year	Supply totals	14,424	14,775	15,127	15,478	
	Demand totals	14,424	14,775	15,127	15,478	
	Difference	0	0	0	0	
Second year	Supply totals	14,424	14,775	15,127	15,478	
	Demand totals	14,424	14,775	15,127	15,478	
	Difference	0	0	0	0	
Third year	Supply totals	14,424	14,775	15,127	15,478	
	Demand totals	14,424	14,775	15,127	15,478	
	Difference	0	0	0	0	
NOTES: Assume multi year values same as single dry year values.						