



# One Water

Annual Report to the  
California State Legislature

Achievements in Conservation,  
Recycling and Groundwater Recharge

February 2022

Covering Fiscal Year 2020/21

THE METROPOLITAN WATER DISTRICT  
*of* SOUTHERN CALIFORNIA

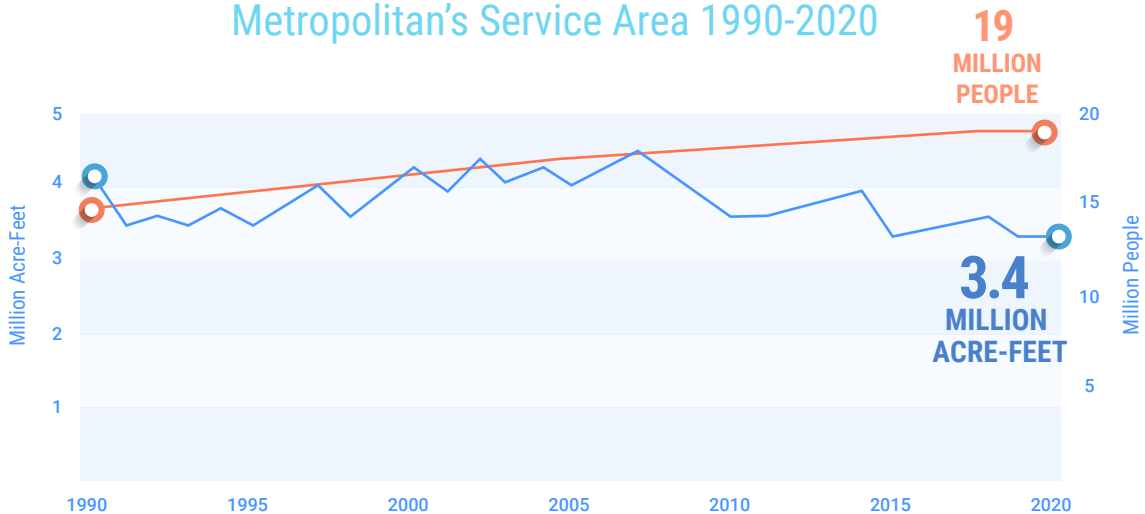
## Metropolitan's Cumulative Investment

	Millions Invested	Acre-feet
Conservation	<b>\$840</b>	<b>3,482,000</b>
Recycled Water	<b>\$528</b>	<b>3,029,000</b>
Groundwater Recovery	<b>\$181</b>	<b>1,099,000</b>
	<b>\$1.5b</b>	<b>7,610,000</b>

## One Water. Many Challenges. Coordinated Solutions.

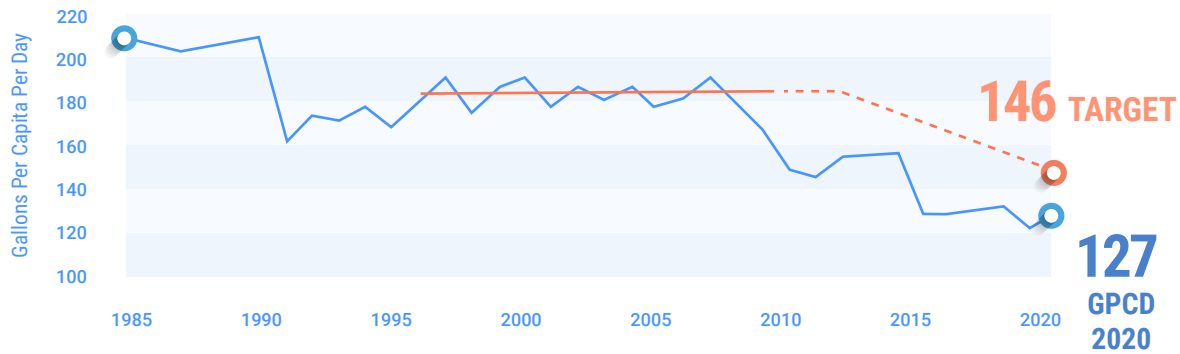
One Water is a guiding principle that applies to our resource portfolio — imported, recycled, stormwater capture, groundwater recovery and wastewater; and acknowledges the solution to our challenges will come from working together as one.

### Population Growth vs Total Demand Metropolitan's Service Area 1990-2020



Total demand includes retail consumptive and replenishment demand

## Exceeding Our 20 Percent Target Reduction for 2020 Declining Gallons per Capita per Day Water Use



## Fiscal Year Highlights

### Conservation

Metropolitan provided about \$17 million in rebates, landscape and irrigation classes, research, and outreach to help consumers reduce water use in their homes and businesses.

Metropolitan created a municipal leak detection and repair program modeled after its successful pilot program with the Municipal Water District of Orange County.

Metropolitan launched a residential rebate program for flow monitoring products that provide information on how much water is used in a household and spotlights leaks.

Metropolitan continued its enhanced, premium high-efficiency toilet rebates for underserved communities, which boosts rebates to \$250.

### Communications and Outreach

Staff took a grassroots approach mid-pandemic and designed an award-winning “We’re California Friendly Plants” social media campaign, which received some of our highest engagement.

As statewide drought conditions worsened, staff launched a public-facing drought microsite on the district’s main website, [mwdh2o.com](http://mwdh2o.com) to share the latest drought-related news coverage, media releases, presentations and provide access to outreach materials.

A series of multilingual print advertisements encouraging conservation were placed in community newspapers throughout the Southland and reached an estimated 2 million readers.

Metropolitan officials conducted more than 70 interviews with news reporters from major television, radio, print and digital media outlets, ethnic media and community publications to discuss drought conditions and other supply challenges.

Metropolitan worked with partner agencies, school districts, county offices of education, non-profits, and parents, as well as other educators to provide water-focused STEAM (Science, Technology, Engineering, Art and Math) curriculum, grants, and outreach programs.

Solar Cup™, the nation’s largest high school solar boat competition, completed its 19th year virtually, hosting 16 teams with more than 300 high school students.

### Local Resources

Metropolitan invested \$709 million to date to fund 88 recycled water projects and 28 groundwater recovery projects that have produced about 4.1 million acre-feet.

Metropolitan’s Board of Directors approved moving forward with the environmental planning phase of the Regional Recycled Water Program, a significant milestone in a project that could become the largest recycling program in the country.

The On-site Retrofit Program provided funding to 436 sites, replacing about 12,667 acre-feet per year of potable water with recycled water.

# Achievement Scorecard

Conservation		
FY 2020/21 Total Water Saved <sup>1</sup>	1,050,000 acre-feet	
New Water Saved From Metropolitan Conservation Credits Program <sup>2</sup>	4,120 acre-feet	
Water Saved From Existing Metropolitan Conservation Credits Program <sup>3</sup>	207,000 acre-feet	
FY 2020/21 Investment		
Metropolitan Conservation Credits Program Investment <sup>4</sup>	\$17 million	
Member Agency Conservation Investment <sup>5</sup>	\$4 million	
Metropolitan Outreach & Education	\$1 million	
Cumulative Savings Since 1990		
Water Saved From Metropolitan Conservation Credits Program Only <sup>6</sup>	3,482,000 acre-feet	
Metropolitan Conservation Investment (excluding funding by member agencies) <sup>7</sup>	\$840 million	
Recycled Water		
FY 2020/21 Production <sup>8</sup>	458,000 acre-feet	
Water Produced From Projects Receiving Metropolitan Funding	55,000 acre-feet	
Water Produced From Projects Without Metropolitan Funding (incl. Santa Ana River base flow) <sup>9</sup>	403,000 acre-feet	
FY 2020/21 Investment		
Metropolitan Funding	\$8 million	
Cumulative Production & Investment Since Inception <sup>10</sup>		
Production With Metropolitan Funding	3,029,000 acre-feet	
Metropolitan Investment	\$528 million	
Groundwater Recovery		
FY 2020/21 Production	113,000 acre-feet	
Water Produced From Projects Receiving Metropolitan Funding	48,000 acre-feet	
Water Produced From Projects Without Metropolitan Funding	65,000 acre-feet	
FY 2020/21 Investment		
Metropolitan Funding	\$7 million	
Cumulative Production & Investment Since Inception <sup>11</sup>		
Production With Metropolitan Funding	1,099,000 acre-feet	
Metropolitan Investment	\$181 million	
Conjunctive Use Program <sup>12</sup>		
Metropolitan Cumulative Capital Investment	\$27 million	
Proposition 13 Grant Funds Administered by Metropolitan	\$45 million	
Water Stored Since Program Inception through June 2021	351,000 acre-feet	
Water Extracted Since Program Inception through June 2021	301,000 acre-feet	
Groundwater Replenishment <sup>13</sup>		
FY 2020/2021 Delivery	103,000 acre-feet	
Cumulative Replenishment Delivery since 1984	4,181,000 acre-feet	
Regional Summary		
	FY 2020/21	Cumulative
Metropolitan's Investment in Water Conservation, Recycled Water and Groundwater Recovery <sup>14</sup>	\$31 million	\$1.5 billion
	314,000 AF	7,610,000 AF

This fact sheet provides an overview of accomplishments in conservation, recycling and groundwater recovery. For a detailed progress report, visit [mwdh2o.com](http://mwdh2o.com) and click on the Planning for Tomorrow tab and the full report will be in the How We Plan section.

## OUR MISSION

The mission of the Metropolitan Water District of Southern California is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

## ABOUT METROPOLITAN

The Metropolitan Water District of Southern California is the Southland's water provider for a six-county region with a population of 19 million. Metropolitan draws on supplies from the Colorado River through the Colorado River Aqueduct, which it owns and operates; from Northern California via its participation in the State Water Project; and from local resource programs and transfer arrangements. An increasing percentage of Southern California's water supply comes from conservation, water recycling, and recovered groundwater.

The numbers above have been rounded to present a topline view of conservative achievement. More precise numbers are included in the report narrative. Cumulative investment is reported in nominal dollars.

An acre-foot of water is nearly 326,000 gallons, about the amount used by three typical Southland families in a year.

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