

Wholesale Water Supply Assessment

Demands for Metropolitan Water Supply

	2017	2018	2019
Total Member Agency Wholesale Requests	1,745,759	1,712,721	1,718,147
Total Water Demand	1,745,759	1,712,721	1,718,147

Metropolitan Water Supply Sources

	2017	2018	2019
Total State Water Project Supplies	736,960	105,280	421,120
Total Colorado River Aqueduct Supplies	752,000	776,000	752,000
Structural Conservation since 2013-2014	62,451	58,422	52,320
Total Storage: Take/(Put)	194,349	773,020	492,707
Total Water Supply	1,745,759	1,712,721	1,718,147

Water Supply and Demand Balance

	2017	2018	2019
Total Water Demand	1,745,759	1,712,721	1,718,147
Total Water Supply	1,745,759	1,712,721	1,718,147
Water Balance: Surplus/(Shortage)	0	0	0
Reduction to Wholesale Water Requests	0%	0%	0%

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Wholesale Water Demands

Member Agency Wholesale Requests

	2017	2018	2019
City of Anaheim	19,682	19,666	19,663
City of Beverly Hills	10,917	10,917	10,917
City of Burbank	14,271	14,246	14,246
Calleguas MWD	111,980	111,931	111,752
Central Basin MWD	53,065	53,096	37,127
City of Compton	389	0	361
Eastern MWD	97,217	99,805	101,053
Foothill MWD	9,380	9,409	9,525
City of Fullerton	8,762	8,766	8,765
City of Glendale	19,114	19,292	19,394
Inland Empire Utilities Agency	69,752	69,752	61,269
Las Virgenes MWD	23,517	23,517	23,517
City of Long Beach	26,003	25,998	25,993
Los Angeles DWP	385,624	387,624	424,024
Municipal Water District of Orange County	223,056	222,426	221,165
City of Pasadena	21,714	21,714	21,714
San Diego County Water Authority	290,798	257,237	233,242
City of San Fernando	0	0	0
City of San Marino	962	962	962
City of Santa Ana	11,577	11,583	9,581
City of Santa Monica	4,883	4,883	4,883
Three Valleys MWD	67,970	71,828	74,269
City of Torrance	19,575	15,575	15,575
Upper San Gabriel Valley MWD	48,963	48,651	66,784
West Basin MWD	128,218	126,840	125,612
Western MWD	78,374	77,007	76,757
Total Member Agency Wholesale Requests	1,745,759	1,712,721	1,718,147

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Wholesale Water Demands Documentation

The Member Agency Wholesale Requests shown in this table were provided to Metropolitan by each of its Member Agencies through a coordinated data collection process.

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Imported Water Supplies

State Water Project Base Supply Programs

	2017	2018	2019
State Water Project Allocation	35%	5%	20%
MWD Table A	669,025	95,575	382,300
DWCV Table A	67,935	9,705	38,820
Total State Water Project Supplies	736,960	105,280	421,120

Colorado River Aqueduct Base Supply Programs

	2017	2018	2019
Basic Apportionment – Priority 4	550,000	550,000	550,000
IID/MWD Conservation Program	85,000	85,000	85,000
Priority 5 Apportionment (Surplus)	0	0	0
Canal Lining Supplies - San Luis Rey	16,000	16,000	16,000
PVID Land Management Program	130,000	130,000	130,000
Lower Colorado Water Supply Project	8,000	8,000	8,000
Binational ICS	0	24,000	0
Forbearance for Present Perfected Rights	(2,000)	(2,000)	(2,000)
CVWD SWP/QSA Transfer Obligation	(35,000)	(35,000)	(35,000)
DWCV SWP Table A Obligation	(67,935)	(9,705)	(38,820)
DWCV SWP Table A Transfer Callback	67,935	9,705	38,820
SNWA Agreement Payback	0	0	0
Total Colorado River Aqueduct Supplies	752,000	776,000	752,000

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Imported Water Supplies Documentation

State Water Project Base Supply Programs

Program	Reference
State Water Project Allocation	Historical State Water Project Allocations
MWD Table A	2015 Urban Water Management Plan; A.3-18
DWCV Table A	2015 Urban Water Management Plan; A.3-19

Colorado River Aqueduct Base Supply Programs

Program	Reference
Basic Apportionment – Priority 4	2015 Urban Water Management Plan; A.3-1
IID/MWD Conservation Program	2015 Urban Water Management Plan; A.3-3
Priority 5 Apportionment (Surplus)	2015 Urban Water Management Plan; A.3-5
Canal Lining Supplies - San Luis Rey	2015 Urban Water Management Plan; A.3-8
PVID Land Management Program	2015 Urban Water Management Plan; A.3-5
Lower Colorado Water Supply Project	2015 Urban Water Management Plan; A.3-13
Binational ICS	2015 Urban Water Management Plan; A.3-14
Forbearance for Present Perfected Rights	2015 Urban Water Management Plan; A.3-3
CVWD SWP/QSA Transfer Obligation	2015 Urban Water Management Plan; A.3-10
DWCV SWP Table A Obligation	2015 Urban Water Management Plan; A.3-19
DWCV SWP Table A Transfer Callback	2015 Urban Water Management Plan; A.3-19
SNWA Agreement Payback	2015 Urban Water Management Plan; A.3-12

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Other Water Supplies

Growth in Structural Conservation

	2017	2018	2019
Existing Structural Conservation	225,183	221,154	215,052
Structural Conservation as of 2013-2014	162,733	162,733	162,733
Structural Conservation since 2013-2014	62,451	58,422	52,320

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Other Water Supplies Documentation

Structural conservation is device and program-based conservation originally funded by Metropolitan and/or member and local agencies. Examples are ULFT Toilet retrofits, Irrigation Controllers and Turf Removal. For additional information reference:

[Annual Progress Report on Achievements in Conservation, Recycling and Groundwater Recharge 2015 Integrated Water Resources Plan Update; 3.20](#)

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Water Supplies from Storage

Annual Storage Use

	2017	2018	2019
Puts to Storage	0	0	0
Takes from Storage	194,349	773,020	492,707
Total Storage: Take/(Put)	194,349	773,020	492,707

Annual Storage Accounting

	2017	2018	2019
Total Estimated Starting Storage Balance	2,117,000	1,922,651	1,149,632
Total Storage: Take/(Put)	194,349	773,020	492,707
Total Estimated Ending Storage Balance	1,922,651	1,149,632	656,925

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Water Supplies from Storage Documentation

2017 Total Estimated Starting Storage Balance includes projected dry-year storage of 1,487,000 acre-feet, and 630,000 acre-feet of additional emergency storage. For additional information reference:

[Water Surplus and Drought Management Report as of 5/10/2016](#)

Metropolitan Water Storage Programs

Program	Reference
In-Region Surface Storage	2015 Urban Water Management Plan; A.3-37
Flexible Storage Accounts	2015 Urban Water Management Plan; A.3-40
State Water Project Carryover	2015 Urban Water Management Plan; A.3-18
Groundwater Conjunctive Use Programs	2015 Urban Water Management Plan; A.3-44
Kern Delta Water Management Program	2015 Urban Water Management Plan; A.3-31
Antelope Valley East Kern Program	2015 Urban Water Management Plan; A.3-26
San Bernardino Valley MWD Program	2015 Urban Water Management Plan; A.3-24
Arvin-Edison Water Management Program	2015 Urban Water Management Plan; A.3-22
Semitropic Water Banking and Exchange	2015 Urban Water Management Plan; A.3-21
Mojave Water Agency Storage Program	2015 Urban Water Management Plan; 3-27
Desert Water/Coachella Valley Programs	2015 Urban Water Management Plan; A.3-19
Lake Mead ICS Program	2015 Urban Water Management Plan; A.3-14
Emergency Storage	2015 Urban Water Management Plan; A.3-38

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