



米国カリフォルニア州における 公共水道システムの統合について (その2)

1-2 カリフォルニア州の公共水道システムの統計

カリフォルニア州の州水委員会（State Water Board）の資料によれば、2020年1月現在、カリフォルニア州の「郡」別にみた公共水道システムの数は以下のとおりであり、カリフォルニア州全体の公共水道システムの合計数は7,391システムとなっている。

郡の名称	公共水道システムの 合計数	市町村等 水道システム数	専用水道 (非一時利用) 水道システム数	専用水道 (一時利用) 水道システム数
Los Angeles	293	206	24	63
Kern	346	175	82	89
Monterey	332	162	103	67
San Bernardino	326	149	42	135
Sonoma	440	128	105	207
Fresno	349	109	91	149
Riverside	213	99	31	83
Tulare	323	98	82	143
San Joaquin	316	95	101	120
San Diego	197	79	20	98
San Luis Obispo	154	68	50	36
Santa Clara	120	68	24	28
Madera	204	67	46	91
Stanislaus	203	62	68	73
Ventura	100	68	20	12
Sacramento	176	63	35	78
Shasta	178	64	34	80
Santa Barbara	138	60	20	58
Placer	127	58	14	55
Lake	89	51	1	37
Tuolumne	123	53	10	60
Tehama	115	53	28	34
Santa Cruz	103	50	16	37

Inyo	112	47	11	54
Butte	101	44	26	31
Humboldt	91	47	7	37
Mendocino	139	43	26	70
Orange	47	39	5	3
Contra Costa	93	40	8	45
San Mateo	54	37	3	14
Siskiyou	74	32	10	32
San Benito	62	32	18	12
Napa	184	31	64	89
Plumas	118	29	7	82
Imperial	82	31	26	25
Solano	64	26	15	23
Yuba	68	24	12	32
Merced	123	22	56	45
Amador	71	21	5	45
Nevada	85	21	14	50
El Dorado	130	18	9	103
Yolo	85	17	22	46
Calaveras	53	18	6	29
Mono	93	17	3	73
Trinity	46	17	5	24
Del Norte	32	16	3	13
Marin	48	15	7	26
Glenn	38	15	12	11
Lassen	40	15	12	13
Mariposa	66	14	10	42
Alameda	27	14	4	9
Kings	33	13	12	8
Colusa	30	9	6	15
Sierra	33	8	0	25
Sutter	40	7	19	14
Alpine	42	5	2	35
Modoc	14	5	2	7
San Francisco	8	5	1	2
公共水道システム数 合計（2020年1月）	7,391	2,879	1,495	3,017

（注1）データ収集日：2020年1月17日

（注2）カリフォルニア保健及び安全規則第 116275(h)の「公共水道システム」の定義に適合するシステムのみを計上。カリフォルニア保健及び安全規則第 116275(n)の「州小規模水道システム」及び「個人住宅」は含まず。

（出典）Number of Public Water Systems in California by County
January 2020 (.xlsx)

https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/dashboard.html

1-3 カリフォルニア州における給水人口が 20 万人以上の公共水道システム (水道用水供給事業を含む。)

(注) カリフォルニア州では、カリフォルニア規則集 (CCR : California Code of Regulations) において、公共水道システムを人口規模に応じて、以下のように分類している。

Title 22. Social Security

Division 4. Environmental Health

Chapter 17.5. Lead and Copper)

Article 1. General Requirements and Definitions

第 64671.30 条 (大規模水道システム)

「大規模水道システム (Large water system)」とは、50,000 人を超える水道システムを意味する。

第 64671.40 条 (中規模水道システム)

「中規模水道システム (Medium-size water system)」とは、3,300 人超 50,000 人以下の水道システムを意味する。

第 64671.70 条 (小規模水道システム)

「小規模水道システム (Small water system)」とは、3,300 人以下の水道システムを意味する。

(出典) Drinking Water-Related Statutes and Regulations

Drinking Water-Related Regulations ([PDF, 2.2MB](#))...([Word, 0.5MB](#)) - 346 pages, last updated April 16, 2019.

2019 年現在、カリフォルニア州の公共水道システムのうち、給水人口が 20 万人以上の公共水道システム (水道用水供給事業を含む。) は、以下に示す 54 システムである。

水道システムの名称	主要な給水先 (郡の名前)	所有者	主要水源	給水人口 合計 (人)	システムの分類
METROPOLITAN WATER DIST. OF SO. CAL.	LOS ANGELES	Local	Surface Water	18,600,000	Wholesaler
LOS ANGELES-CITY, DEPT. OF WATER & POWER	LOS ANGELES	Local	Surface Water	4,061,504	Large Water System
SAN DIEGO COUNTY WATER AUTHORITY	SAN DIEGO	Local	Surface Water	3,317,749	Wholesaler
POSEIDON RESOURCES - CDP	SAN DIEGO	Private	Surface Water	3,140,000	Wholesaler
SAN FRANCISCO REGIONAL WATER SYSTEM	SAN FRANCISCO	Local	Surface Water	2,600,600	Wholesaler
SANTA CLARA VALLEY WATER DISTRICT	SANTA CLARA	Local	Surface Water	1,540,360	Wholesaler
EAST BAY MUD	ALAMEDA	Local	Surface Water	1,379,750	Large Water System
SAN DIEGO, CITY OF	SAN DIEGO	Local	Surface Water	1,339,958	Large Water System
SOUTH COAST WD - CAPISTRANO BEACH	ORANGE	Local	Surface Water Purchased	1,000,000	Large Water System

SOUTH COAST WD - SOUTH COAST	ORANGE	Local	Surface Water Purchased	1,000,000	Large Water System
SAN JOSE WATER	SANTA CLARA	Private	Surface Water	924,954	Large Water System
CITY OF SACRAMENTO MAIN	SACRAMENTO	Local	Surface Water	862,077	Large Water System
SFPUC CITY DISTRIBUTION DIVISION	SAN FRANCISCO	Local	Surface Water Purchased	839,842	Large Water System
CALLEGUAS MUNICIPAL WATER DIST	VENTURA	Local	Surface Water	635,000	Wholesaler
SONOMA COUNTY WATER AGENCY	SONOMA	Local	Groundwater	600,000	Wholesaler
EASTERN MUNICIPAL WD	RIVERSIDE	Local	Surface Water Purchased	560,080	Large Water System
CITY OF FRESNO	FRESNO	Local	Surface Water	533,524	Large Water System
LONG BEACH-CITY, WATER DEPT.	LOS ANGELES	Local	Surface Water Purchased	480,173	Large Water System
WATER FACILITIES AUTHORITY-JPA	SAN BERNARDINO	Local	Surface Water	480,000	Wholesaler
CAL-AM WATER CORONADO	SAN DIEGO	Private	Surface Water Purchased	465,130	Large Water System
CENTRAL COAST WATER AUTHORITY	SANTA BARBARA	Local	Surface Water	454,575	Wholesaler
CITY OF ANAHEIM	ORANGE	Local	Surface Water	450,000	Large Water System
LAKESIDE WD	SAN DIEGO	Private	Surface Water Purchased	399,651	Large Water System
RANDALL-BOLD WATER TREATMENT PLANT	CONTRA COSTA	Local	Surface Water Purchased	396,803	Wholesaler
SAN BERNARDINO CITY	SAN BERNARDINO	Local	Groundwater UDI Surface Water	395,417	Disadvantaged Large Community Water System
IRVINE RANCH WATER DISTRICT	ORANGE	Local	Surface Water	390,000	Large Water System
COVINA IRRIGATING CO.	LOS ANGELES	Private	Surface Water	369,102	Wholesaler
CITY OF SANTA ANA	ORANGE	Local	Surface Water Purchased	342,930	Large Water System
ALAMEDA COUNTY WATER DISTRICT	ALAMEDA	Local	Surface Water	340,000	Large Water System
STOCKTON EAST WATER DISTRICT	SAN JOAQUIN	Local	Surface Water	337,656	Wholesaler
SAN JUAN WATER DISTRICT	SACRAMENTO	Local	Surface Water	334,424	Large Water System
UPLAND, CITY OF	SAN BERNARDINO	Local	Surface Water	319,827	Large Water System

RIVERSIDE, CITY OF	RIVERSIDE	Local	Surface Water Purchased	302,032	Large Water System
MOJAVE WATER AGENCY	SAN BERNARDINO	Local	Groundwater	292,449	Wholesaler
COACHELLA VWD: COVE COMMUNITY	RIVERSIDE	Local	Groundwater	280,000	Large Water System
CWS - BAKERSFIELD	KERN	Private	Surface Water	279,701	Large Water System
SAN GABRIEL VALLEY WC - FONTANA	SAN BERNARDINO	Private	Surface Water	276,403	Large Water System
SANTA CLARITA VALLEY W.A.- IMPORTED DIVIS	LOS ANGELES	Local	Surface Water	275,300	Wholesaler
GSWC - SOUTHWEST	LOS ANGELES	Private	Surface Water Purchased	272,199	Large Water System
HELIX WATER DISTRICT	SAN DIEGO	Local	Surface Water	271,759	Large Water System
SACRAMENTO SUBURBAN WATER DISTRICT	SACRAMENTO	Local	Surface Water Purchased	266,010	Large Water System
CHINO BASIN DESALTER AUTH. - DESALTER 1	SAN BERNARDINO	Local	Groundwater	258,217	Wholesaler
SAN GABRIEL VALLEY WATER CO.-EL MONTE	LOS ANGELES	Private	Groundwater	248,000	Large Water System
ZONE 7 WATER AGENCY	ALAMEDA	Local	Surface Water	226,840	Wholesaler
UNITED WTR CONS DIST	VENTURA	Local	Surface Water	226,044	Wholesaler
OTAY WATER DISTRICT	SAN DIEGO	Local	Surface Water Purchased	223,754	Large Water System
CALIFORNIA DOMESTIC WATER COMPANY	LOS ANGELES	Private	Groundwater	221,240	Wholesaler
JOINT REGIONAL WATER SUPPLY SYSTEM	ORANGE	Local	Surface Water Purchased	220,643	Wholesaler
MODESTO IRRIGATION DISTRICT	STANISLAUS	Local	Surface Water	212,016	Wholesaler
MODESTO, CITY OF	STANISLAUS	Local	Surface Water Purchased	211,903	Large Water System
OXNARD WATER DEPT	VENTURA	Local	Surface Water Purchased	205,489	Large Water System
GLENDALE-CITY, WATER DEPT.	LOS ANGELES	Local	Surface Water Purchased	201,668	Large Water System
CITY OF HUNTINGTON BEACH	ORANGE	Local	Surface Water Purchased	201,000	Large Water System
CUCAMONGA VALLEY WATER DISTRICT	SAN BERNARDINO	Local	Surface Water	200,600	Large Water System

(出典) Drinking Water Watch - Public Water System ...

<https://data.ca.gov/dataset/drinking-water-public-water-system-information/resource/9dca2f92-4630-4bee-a9f9-69d2085b57e3>

(参考情報)

カリフォルニア州における給水人口が 20 万人以上の公共水道システムの種類別給水人口

水道システムの名称	システムの分類	居住者人口 (人)	非一時的利用人口 (人)	一時的利用人口 (人)	給水人口合計 (人)
METROPOLITAN WATER DIST. OF SO. CAL.	Wholesaler				18,600,000
LOS ANGELES-CITY, DEPT. OF WATER & POWER	Large Water System	4,061,504			4,061,504
SAN DIEGO COUNTY WATER AUTHORITY	Wholesaler				3,317,749
POSEIDON RESOURCES - CDP	Wholesaler				3,140,000
SAN FRANCISCO REGIONAL WATER SYSTEM	Wholesaler	600			2,600,600
SANTA CLARA VALLEY WATER DISTRICT	Wholesaler				1,540,360
EAST BAY MUD	Large Water System	1,379,000			1,379,750
SAN DIEGO, CITY OF	Large Water System	1,339,958			1,339,958
SOUTH COAST WD - CAPISTRANO BEACH	Large Water System	17,503		982,497	1,000,000
SOUTH COAST WD - SOUTH COAST	Large Water System	17,501		982,499	1,000,000
SAN JOSE WATER	Large Water System	924,954			924,954
CITY OF SACRAMENTO MAIN	Large Water System	486,189			862,077
SFPUC CITY DISTRIBUTION DIVISION	Large Water System	837,442			839,842
CALLEGUAS MUNICIPAL WATER DIST	Wholesaler				635,000
SONOMA COUNTY WATER AGENCY	Wholesaler				600,000
EASTERN MUNICIPAL WD	Large Water System	560,080			560,080
CITY OF FRESNO	Large Water System	533,366			533,524
LONG BEACH-CITY, WATER DEPT.	Large Water System	480,173			480,173
WATER FACILITIES AUTHORITY-JPA	Wholesaler				480,000
CAL-AM WATER CORONADO	Large Water System	96,000			465,130
CENTRAL COAST WATER AUTHORITY	Wholesaler				454,575
CITY OF ANAHEIM	Large Water System	336,265		113,735	450,000
LAKESIDE WD	Large Water System	35,500			399,651
RANDALL-BOLD WATER TREATMENT PLANT	Wholesaler	1			396,803

SAN BERNARDINO CITY	Disadvantaged Large Community Water System	202,257			395,417
IRVINE RANCH WATER DISTRICT	Large Water System	390,000			390,000
COVINA IRRIGATING CO.	Wholesaler				369,102
CITY OF SANTA ANA	Large Water System	342,930			342,930
ALAMEDA COUNTY WATER DISTRICT	Large Water System	340,000			340,000
STOCKTON EAST WATER DISTRICT	Wholesaler	50			337,656
SAN JUAN WATER DISTRICT	Large Water System	29,536			334,424
UPLAND, CITY OF	Large Water System	76,443			319,827
RIVERSIDE, CITY OF	Large Water System	302,032			302,032
MOJAVE WATER AGENCY	Wholesaler				292,449
COACHELLA VWD: COVE COMMUNITY	Large Water System	280,000			280,000
CWS - BAKERSFIELD	Large Water System	279,701			279,701
SAN GABRIEL VALLEY WC - FONTANA	Large Water System	228,140			276,403
SANTA CLARITA VALLEY W.A.- IMPORTED DIVIS	Wholesaler				275,300
GSWC - SOUTHWEST	Large Water System	272,199			272,199
HELIX WATER DISTRICT	Large Water System	271,759			271,759
SACRAMENTO SUBURBAN WATER DISTRICT	Large Water System	177,821			266,010
CHINO BASIN DESALTER AUTH. - DESALTER 1	Wholesaler				258,217
SAN GABRIEL VALLEY WATER CO.-EL MONTE	Large Water System	248,000			248,000
ZONE 7 WATER AGENCY	Wholesaler	40			226,840
UNITED WTR CONS DIST	Wholesaler				226,044
OTAY WATER DISTRICT	Large Water System	223,754			223,754
CALIFORNIA DOMESTIC WATER COMPANY	Wholesaler				221,240
JOINT REGIONAL WATER SUPPLY SYSTEM	Wholesaler				220,643
MODESTO IRRIGATION DISTRICT	Wholesaler	16			212,016
MODESTO, CITY OF	Large Water System	211,903			211,903
OXNARD WATER DEPT	Large Water System	205,489			205,489
GLENDALE-CITY, WATER DEPT.	Large Water System	201,668			201,668
CITY OF HUNTINGTON BEACH	Large Water System	201,000			201,000
CUCAMONGA VALLEY WATER DISTRICT	Large Water System	200,600			200,600

(注) Wholesaler : 水道用水供給事業者

Large water System : 大規模水道システム (給水人口が 50,000 人を超える水道システム)

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〒112-0004 東京都文京区後楽2-3-28 K. I. S飯田橋ビル7F (公財) 水道技術研究センター ホットニュース担当

E-MAIL : jwrchot@jwrc-net.or.jp

TEL 03-5805-0264 FAX 03-5805-0265

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バックナンバー一覧 <http://www.jwrc-net.or.jp/hotnews/hotnews-rl.html>

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