



NMOSE GPCD CALCULATOR

Gallons per Capita - v2.07

Release Date: April 2021

This spreadsheet-based GPCD calculator is designed to help quantify and track water uses associated with water distribution systems. The spreadsheet contains several separate worksheets. Sheets can be accessed using the tabs towards the bottom of the screen, or by clicking the buttons on the left below. Descriptions of each sheet are also given below.

It should be noted that all the recorded data should be from actual metered results and should not include any estimates.

Value to be entered by user
 Dropdown box, pick from list
 Value calculated based on input data
 No longer available for input

THE FOLLOWING KEY APPLIES THROUGHOUT:
 Look for the following boxes that provide additional
[Instructions](#)
[Info](#)

Please begin by providing the following information, then proceed through each sheet:

NAME OF CITY OR UTILITY:

REPORTING YEARS: Enter the most recent reporting year: Data can be entered back to:

NAME OF CONTACT PERSON: E-MAIL: TELEPHONE: Ext.

SELECT THE REPORTING UNITS FOR VOLUME DATA: For unit converter click here:

Instructions & Utility	This sheet
Census Data	Census data and the portal to get the data from the Census website
Single-Family	Single-Family residential gallons and population
Multi-Family	Multi-Family residential gallons and population
ICI & Other Metered	Other data including Commercial, Industrial and Institutional [1.3] and Other metered [1.4] categories
Reuse	Data related to water reuse projects
Total Diverted	Total Production and Diverted Water
Reported Data	The calculated data graphical review of most common performance indicators
Annual Performance	The calculated data graphical review of annual performance indicators
Monthly Performance	The calculated data graphical review of monthly performance indicators
Definitions	Use this sheet to understand terms used in the audit process

All parties reserve the right to validate the data recorded in this document. This does not bind the OSE or the Utility to the results. It is a tool used for planning purposes.

Questions or comments regarding the software please contact us at: waternm@state.nm.us

Census Information Data Table 2.1

Info

[Click here to access the Census Web site](#)

OR

[Click here for instructions on how to find the data on the Census website](#)

2023	TO	2017

Use the most recent census data

[Return to Instructions](#)

DATA

US Census Table	Description		INPUT
DP-1	Profile of General Population and Housing Characteristics	Census Year	2021
Subject			
Relationship	In group quarters	Total	94
Housing Occupancy	Total housing units	Total	8,634
	Occupied housing units		8,147
	Vacant housing units		487
Households by Type	Average household size	Total	2.33

Formula: Household Size = Total Population / Total Number of Housing Units

Vacancy Rate %	5.6%
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COMMENTS:

DATA INPUT SHEET

Info

6. REUSE

Return to Instructions

Los Alamos County

Instructions

MONTHLY DATA

2023

TO

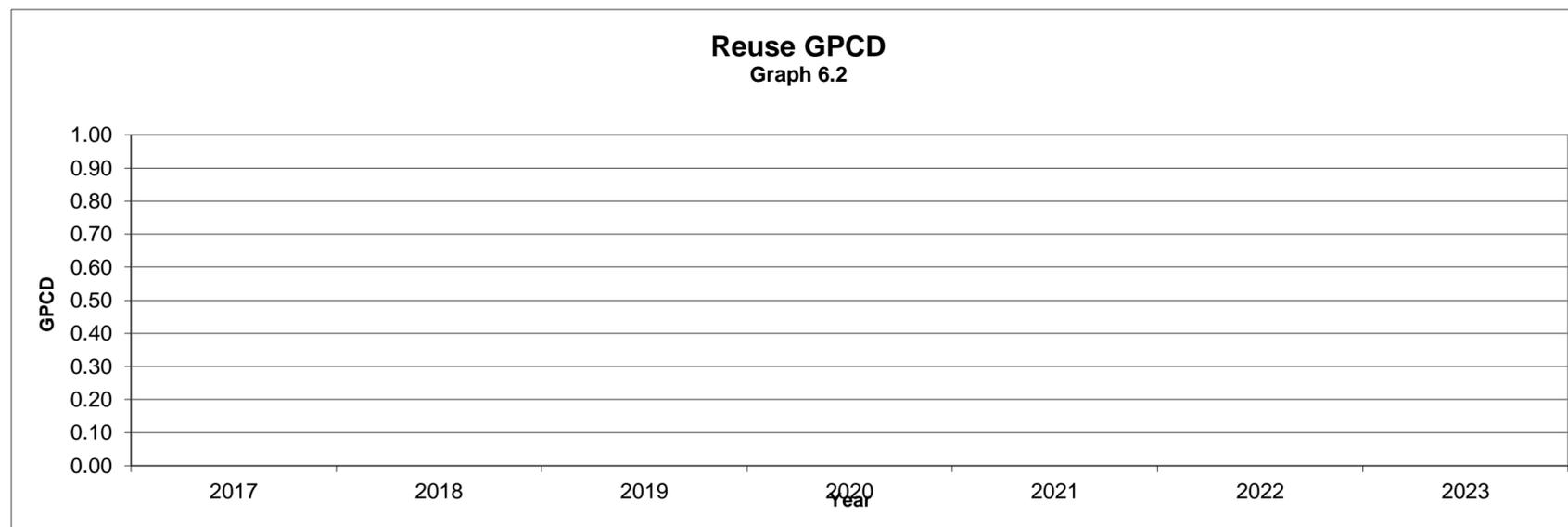
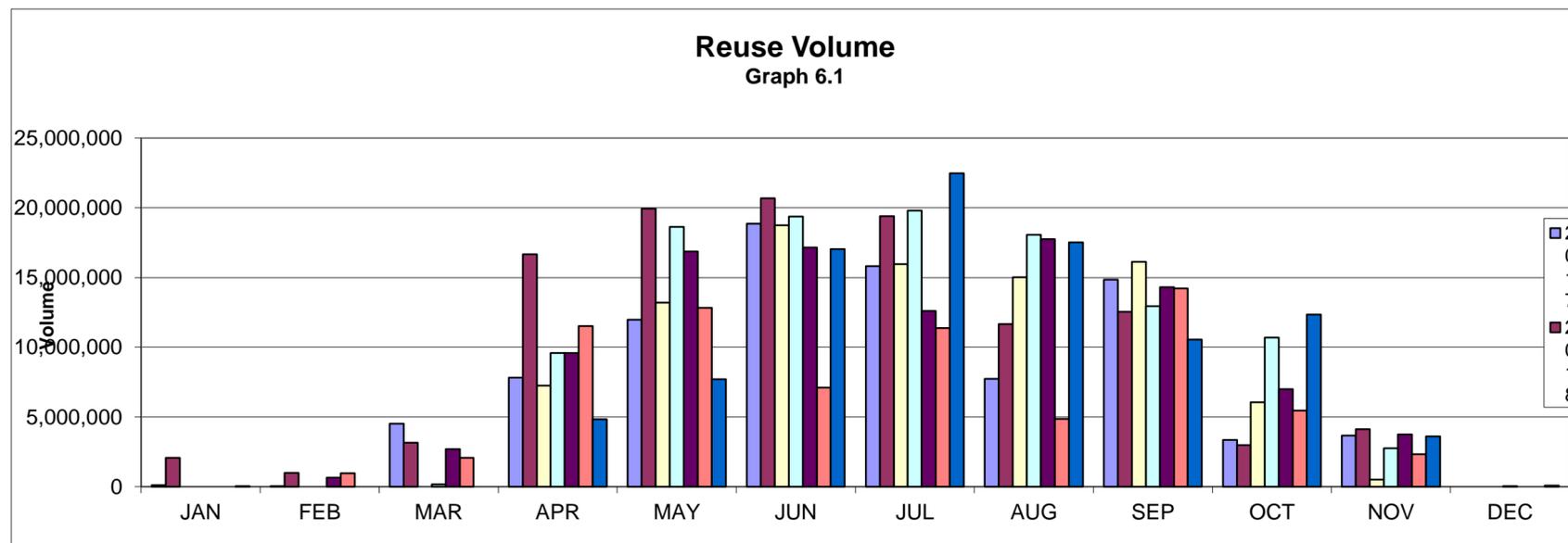
2017

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2023	940	0	0	4,843,000	7,704,541	17,041,575	22,466,936	17,514,703	10,541,762	12,348,289	3,595,953	65,000
2022	0	961,320	2,068,199	11,503,975	12,832,044	7,099,409	11,380,946	4,863,031	14,225,079	5,461,801	2,324,048	0
2021	0	659,806	2,685,604	9,572,099	16,864,298	17,154,189	12,589,285	17,753,447	14,306,548	6,979,030	3,745,053	0
2020	0	0	158,030	9,585,767	18,637,523	19,375,844	19,800,444	18,055,444	12,950,770	10,681,570	2,753,536	2,740
2019	0	0	0	7,255,359	13,208,681	18,747,870	15,949,582	15,023,910	16,113,086	6,057,093	497,979	0
2018	2,083,164	985,278	3,155,615	16,677,017	19,927,309	20,682,187	19,395,932	11,649,607	12,530,167	2,965,837	4,127,865	0
2017	104,253	91	4,514,917	7,824,055	11,968,411	18,855,466	15,814,165	7,729,965	14,860,284	3,346,195	3,664,157	0

COMMENTS:

ANNUAL DATA

N/A

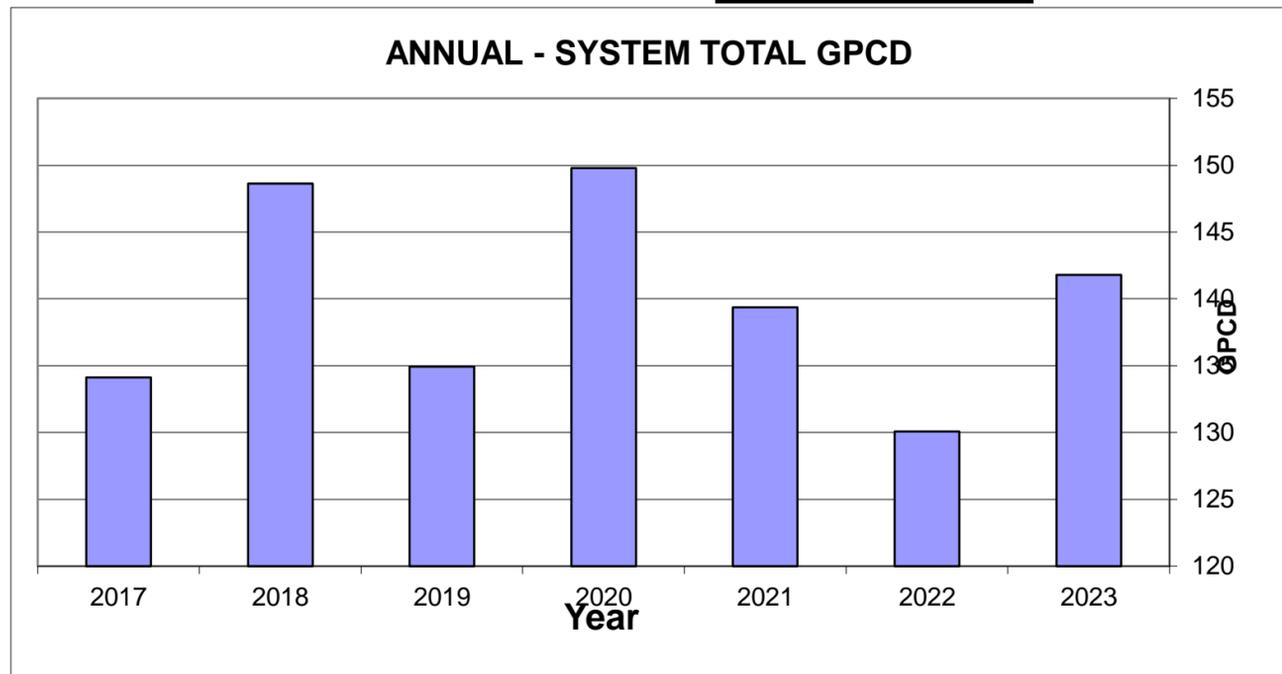


8. SUMMARY GPCD REPORTED DATA

Los Alamos County		
2023	To:	2017

ANNUAL

Year	SYSTEM GPCD
2023	141.79
2022	130.08
2021	139.37
2020	149.80
2019	134.92
2018	148.62
2017	134.13

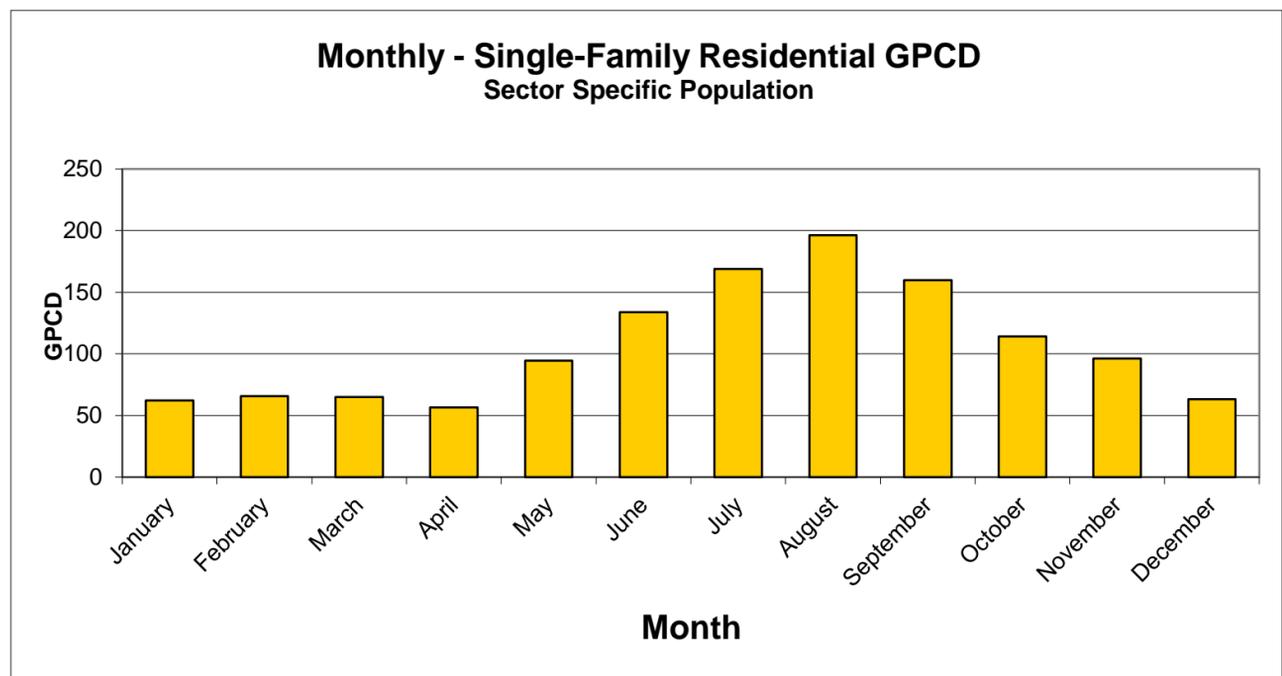


MONTHLY

Month	SFR GPCD
January	62.10
February	65.75
March	65.05
April	56.68
May	94.58
June	133.84
July	168.97
August	196.19
September	159.67
October	114.14
November	96.34
December	63.10

Year	2023
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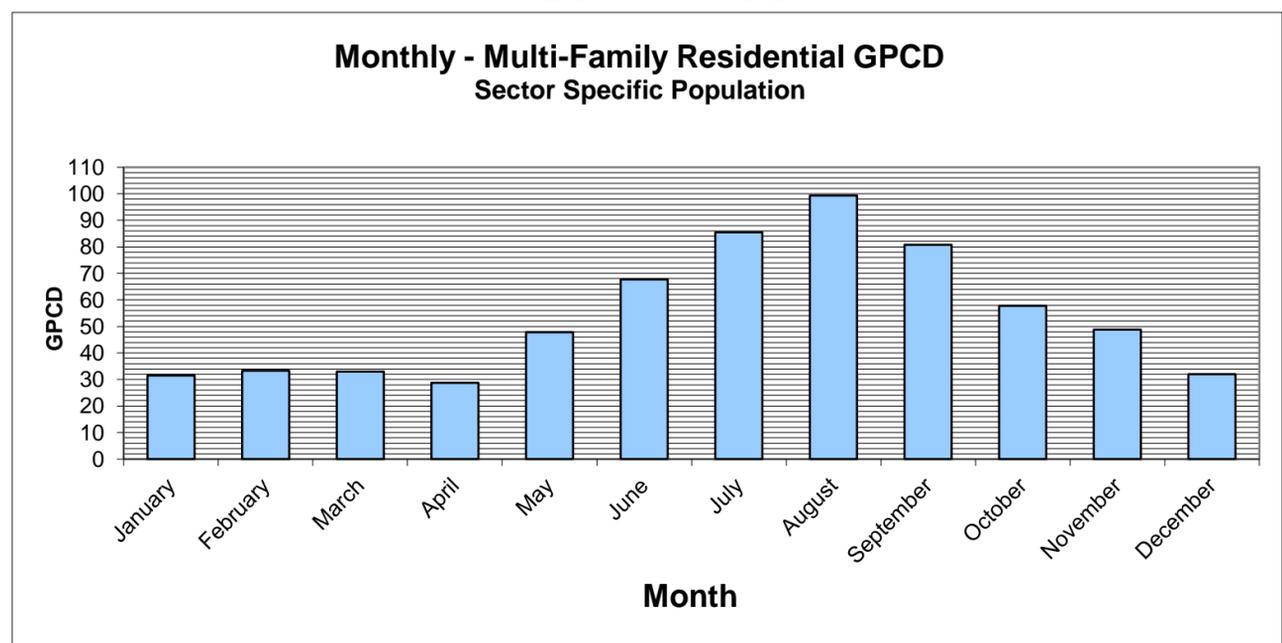
Peak/Ave	1.84
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YEAR 2023

Month	MFR GPCD
January	31.45
February	33.30
March	32.94
April	28.70
May	47.90
June	67.77
July	85.57
August	99.36
September	80.86
October	57.80
November	48.79
December	31.96

Peak/Ave	1.84
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YEAR 2023

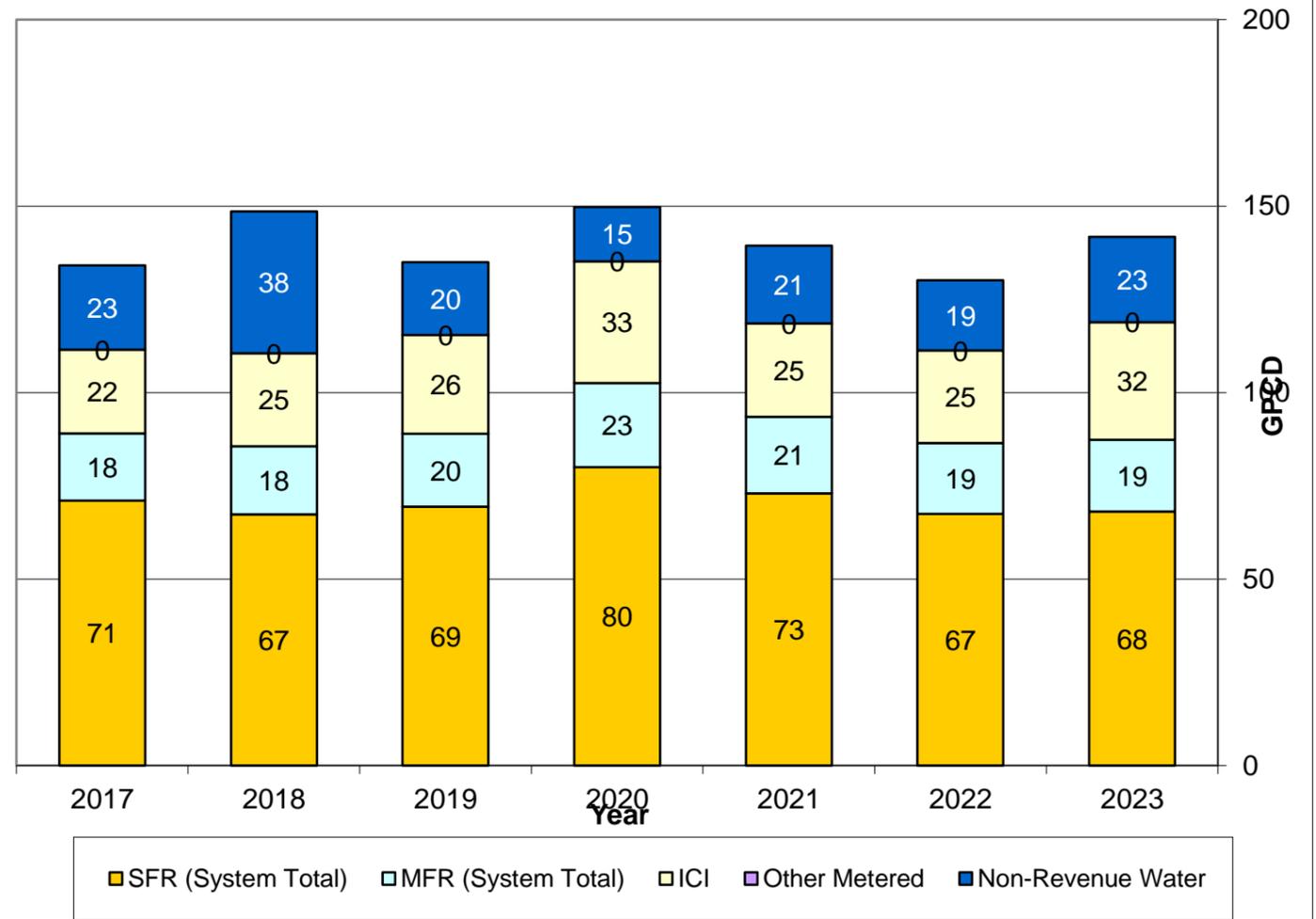
9. System Total Annual Reporting Performance

Overall Annual GPCD (based on Total Population)

	SFR (System Total)	MFR (System Total)	ICI	Other Metered	Non-Revenue Water	Total Supplied	Non-Revenue Volume Million Gallons (US)
Year							
On Graph?	Yes	Yes	Yes	Yes	Yes		
2023	68.09	19.20	31.57	N/A	22.93	141.79	154.08
2022	67.41	19.01	24.86	N/A	18.79	130.08	125.26
2021	72.92	20.57	25.04	N/A	20.85	139.37	139.01
2020	80.03	22.57	32.59	N/A	14.62	149.80	97.63
2019	69.38	19.57	26.43	N/A	19.54	134.92	126.69
2018	67.30	18.33	24.92	N/A	38.08	148.62	254.00
2017	70.98	18.10	22.41	N/A	22.64	134.13	149.52

Los Alamos County		
2023	to	2017

Annual Analysis of GPCD - Viewer (based on Total Population)



10. Monthly Reporting Performance

Choose Year for Monthly Analysis

2023

Choose Sector

Single-Family Residential

Monthly GPCD

	Single-Family Residential	Multi-Family Residential	ICI	Other Metered	Non-Revenue
Month	GPCD	GPCD	GPCD	GPCD	GPCD
JAN	62.10	31.45	13.25	0.00	30.22
FEB	65.75	33.30	19.32	0.00	17.29
MAR	65.05	32.94	13.62	0.00	12.89
APR	56.68	28.70	28.60	0.00	34.22
MAY	94.58	47.90	27.67	0.00	62.73
JUN	133.84	67.77	39.38	0.00	42.70
JUL	168.97	85.57	41.94	0.00	72.44
AUG	196.19	99.36	49.52	0.00	-4.69
SEP	159.67	80.86	47.97	0.00	-1.42
OCT	114.14	57.80	31.28	0.00	22.80
NOV	96.34	48.79	52.73	0.00	-34.68
DEC	63.10	31.96	13.69	0.00	18.44

Los Alamos County

2023 to 2017

Monthly Analysis of GPCD - Viewer
(based on sector-specific population)

