Appendix A: Reported Data (as of November 2021)

Included in this appendix is project and funding data reported by the air districts to the California Air Resources Board (CARB or Board) during the November 2021 reporting period for Community Air Protection incentives (CAP incentives). Note that the data in these tables largely represents projects with executed contracts that may not have been fully completed yet; as such, this project data is **subject to change**.

Table 1: Greenhouse Gas Reduction Fund Appropriation by Fiscal Year for CAP Incentives

Fiscal Year (FY)	Statute	Appropriation	Liquidation Deadline
2017-18	Assembly Bill (AB) 134 (Committee on Budget, Chapter 254, Statutes of 2017)	\$250 million	June 30, 2023 ¹
2018-19	Senate Bill (SB) 856 (Committee on Budget and Fiscal Review, Chapter 30, Statutes of 2018)	\$245 million	June 30, 2024 ¹
2019-20	AB 74 (P. Ting, Chapter 23, Statutes of 2019)	\$209 million ²	June 30, 2025
2020-21	No Appropriation	N/A	N/A
2021-22	SB 170 (Skinner, Chapter 240, Statutes of 2021)	\$260 million	June 30, 2026
2022-23	Governor's Proposed 2022 Budget	\$180 million (proposed)	June 30, 2027 (proposed)

¹ The Legislature extended the original June 30, 2021 and 2022 deadlines for the FY 2017-18 and 2018-19 funds.

² Original appropriation of \$245 million reduced due to low Cap-and-Trade auction proceeds in 2020.

Table 2: Total CAP Incentives Expended on Projects in Disadvantaged Communities (DAC) and Low-Income Communities (LIC) as of November 2021

Air Districts with Reported Projects	Total Expended ³	Funds Expended in DACs ⁴	Percent Expended in DACs	Funds Expended in DACs + LICs	Percent Expended in DACs + LICs
Antelope Valley Air Quality Management District (AQMD)	\$1,175,420	\$695,014	59%	\$825,905	70%
Bay Area AQMD	\$103,680,108	\$76,120,580	73%	\$92,754,501	89%
Butte County AQMD	\$1,868,697	\$1,484,696	79%	\$1,868,697	100%
Eastern Kern Air Pollution Control District (APCD)	\$715,000	No or Few DACs	N/A	\$715,000	100%
Feather River AQMD	\$870,332	\$803,967	92%	\$848,622	98%
Glenn County APCD	\$63,165	No or Few DACs	N/A	\$52,365	83%
Imperial County APCD	\$554,777	\$554,777	100%	\$554,777	100%
Mojave Desert AQMD	\$2,176,357	\$1,122,245	52%	\$1,662,235	76%
Monterey Bay Unified APCD	\$1,999,492	\$1,506,369	75%	\$1,999,492	100%
Northern Sierra AQMD	\$116,865	No or Few DACs	N/A	\$116,865	100%
Northern Sonoma County APCD	\$61,200	No or Few DACs	N/A	\$0	0%5
Placer County APCD	\$1,750,829	No or Few DACs	N/A	\$1,750,829	100%
Sacramento Metro AQMD	\$13,771,204	\$9,051,250	66%	\$12,042,561	87%
San Diego County APCD	\$15,959,863	\$14,961,316	94%	\$15,447,128	97%
San Joaquin Valley APCD	\$84,618,076	\$82,473,319	97%	\$82,982,669	98%
San Luis Obispo County APCD	\$1,544,570	No or Few DACs	N/A	\$1,241,083	80%
Santa Barbara County APCD	\$2,507,142	No or Few DACs	N/A	\$2,472,264	99%
Siskiyou County APCD	\$165,000	No or Few DACs	N/A	\$165,000	100%
South Coast AQMD	\$139,497,530	\$111,249,041	80%	\$132,308,776	95%
Ventura County APCD	\$2,915,452	\$2,627,945	90%	\$2,915,452	100%
Statewide Total	\$376,011,079	\$302,650,519	80%	\$352,724,221	94%

³ Total expenditures include FY 2017-18 funds, FY 2018-19 funds, and FY 2019-20 funds.

⁴ Many rural air districts have no or very few DACs but do have low-income communities suffering from disproportionate air quality impacts. These air districts received investment targets only for low-income communities.

⁵ Northern Sonoma County APCD's current investments have been factored into ensuring that priority population investments exceed 70 percent in DACs and 80 percent in DACs and LICs, statewide. CARB will work with the air district to ensure that they maximize priority population investments.

Table 3: CAP Incentives Expended on Projects in AB 617 Selected Communities as of November 2021

Air District or Selected Community	Year Selected	Total Funds Expended in Communities
Bay Area AQMD	N/A	\$37,296,555
Richmond–San Pablo ⁶	2018	\$6,522,169
West Oakland	2018	\$30,774,386
Imperial County APCD	N/A	\$554,777
El Centro, Heber, Calexico	2018	\$554,777
Sacramento Metropolitan AQMD	N/A	\$4,732,699
South Sacramento–Florin ⁶	2018	\$4,732,699
San Diego County APCD	N/A	\$11,097,559
Portside Environmental Justice (EJ) Neighborhoods ⁶	2018	\$11,097,559
San Joaquin Valley AQMD	N/A	\$4,515,133
Shafter	2018	\$2,068,452
South Central Fresno	2018	\$2,446,681
Stockton	2019	\$0 ⁷
Arvin, Lamont	2020	\$0
South Coast AQMD	N/A	\$54,363,702
East Los Angeles, Boyle Heights, West Commerce	2018	\$145,966
San Bernardino, Muscoy	2018	\$20,650,734
Wilmington, Carson, West Long Beach	2018	\$20,169,689
Eastern Coachella Valley	2019	\$13,380,736
South East Los Angeles	2019	\$16,577
South Los Angeles	2020	\$0
Statewide Total in Communities	N/A	\$112,560,425
Study Areas ⁸	N/A	\$14,749,412
West Oakland Study Area	N/A	\$1,305,500
Shafter Study Area	N/A	\$4,681,965
East Los Angeles, Boyle Heights, West Commerce Study Area	N/A	\$0
San Bernardino, Muscoy Study Area	N/A	\$8,761,947
Statewide Total Including Study Areas	N/A	\$127,309,837

⁶ Note that the South Sacramento–Florin community has been selected only for an air monitoring plan. Additionally, the Portside EJ Neighborhoods and Richmond–San Pablo communities were originally selected only for air monitoring plans but were also selected for emissions reduction programs in 2019 and 2020, respectively.

⁷ For FY 2017-18 funds, San Joaquin Valley APCD prioritized project selection in AB 617 selected communities but had not yet received eligible project applications within Stockton. The air district has included plans in its Community Emissions Reduction Program to spend up to \$32M on CAP incentives projects.

⁸ Study Areas are designated boundaries outside of, but adjacent to and surrounding, some AB 617 communities.

Table 4: Total CAP Incentives Expended on Zero-Emission (ZE) Projects as of November 20219

Air Districts with Reported Projects	Total Expended ¹⁰	Funds Expended on ZE Projects	Percent Expended on ZE Projects
Antelope Valley AQMD	\$1,175,420	\$651,643	55%
Bay Area AQMD	\$103,680,108	\$35,825,333	35%
Butte County AQMD	\$1,868,697	\$1,350,715	72%
Eastern Kern APCD	\$715,000	\$0	0%
Feather River AQMD	\$870,332	\$0	0%
Glenn County APCD	\$63,165	\$0	0%
Imperial County APCD	\$554,777	\$314,449	57%
Mojave Desert AQMD	\$2,176,357	\$1,662,235	76%
Monterey Bay Unified APCD	\$1,999,492	\$0	0%
Northern Sierra AQMD	\$116,865	\$0	0%
Northern Sonoma County APCD	\$61,200	\$0	0%
Placer County APCD	\$1,750,829	\$140,125	8%
Sacramento Metropolitan AQMD	\$13,771,204	\$13,591,204	99%
San Diego County APCD	\$15,959,863	\$10,793,011	68%
San Joaquin Valley APCD	\$84,618,076	\$9,693,438	11%
San Luis Obispo APCD	\$1,544,570	\$1,383,697	90%
Santa Barbara APCD	\$2,507,142	\$621,334	25%
Siskiyou County APCD	\$165,000	\$0	0%
South Coast AQMD	\$139,497,530	\$1,552,267	1%
Ventura County APCD	\$2,915,452	\$1,964,931	67%
Statewide Total	\$376,011,079	\$79,544,382	21%

⁹ Several air districts received applications for project categories with few or no available ZE alternatives, such as mobile off-road agricultural equipment, in part leading to a wide variation in ZE investment amounts.

¹⁰ Total expenditures include FY 2017-18 funds, FY 2018-19 funds, and FY 2019-20 funds.

Table 5: Engines Replaced and Emissions Reduced for All Expended CAP Incentives as of November 2021

Air Districts with Reported Projects	Engines Replaced	Oxides of Nitrogen Reduced (tons)	Reactive Organic Gases Reduced (tons)	Particulate Matter Reduced (tons)	Greenhouse Gas Reductions (metric tons of CO ₂ equivalents)
Antelope Valley AQMD	24	4.64	1.24	0.45	148
Bay Area AQMD	444	2,634.18	171.11	85.00	61,302
Butte County AQMD	4	6.65	0.64	0.05	615
Eastern Kern APCD	5	5.54	0.49	0.13	110
Feather River AQMD	9	11.79	1.49	0.29	243
Glenn County APCD	1	0.00	0.00	0.00	2
Imperial County APCD	1	0.90	0.07	0.01	112
Mojave Desert AQMD	8	18.65	1.47	0.77	893
Monterey Bay Unified APCD	10	58.75	4.57	2.53	350
Northern Sierra AQMD	1	4.20	0.54	0.31	27
Northern Sonoma County APCD	1	1.39	0.24	0.18	5
Placer County APCD	11	6.28	0.62	0.00	188
Sacramento Metropolitan AQMD	70	62.12	5.96	0.68	5,811
San Diego County APCD	62	329.16	40.29	8.36	5,330
San Joaquin Valley APCD	956	5,707.83	657.93	988.73	43,318
San Luis Obispo County APCD	2	1.41	0.19	0.01	85
Santa Barbara County APCD	25	45.57	5.39	3.48	812
Siskiyou County APCD	1	0.57	0.03	0.00	12
South Coast AQMD	648	6,648.02	382.74	235.96	67,533
Ventura County APCD	26	65.45	8.44	4.90	318
Statewide Total	2,309	15,613.10	1,283.45	1,331.84	187,214

Table 6: FY 2017-18 CAP Incentives Expenditure Summary as of November 2021

Air Districts with FY 2017-18 Allocations	Allocated FY 17- 18 Project Funds	Funds Expended on Projects	Percent Expended on Projects	Funds Expended in DACs ¹¹	Percent Expended in DACs	Funds Expended in DACs + LICs	Percent Expended in DACs + LICs
Antelope Valley AQMD	\$468,750	\$468,750	100%	\$468,750	100%	\$468,750	100%
Bay Area AQMD	\$46,875,000	\$46,890,838	100%	\$35,615,574	76%	\$40,995,612	87%
Butte County AQMD	\$468,750	\$468,750	100%	\$468,750	100%	\$468,750	100%
Eastern Kern APCD	\$190,313	\$190,313	100%	No or Few DACs	N/A	\$190,313	100%
Feather River AQMD	\$468,750	\$468,750	100%	\$402,385	86%	\$447,040	95%
Imperial County APCD	\$468,750	\$469,036	100%	\$469,036	100%	\$469,036	100%
Mojave Desert AQMD	\$776,250	\$776,250	100%	\$7,936	1% ¹²	\$262,128	34% ¹²
Monterey Bay Unified APCD	\$646,459	\$646,459	100%	\$614,063	95%	\$646,459	100%
Placer County APCD	\$181,875	\$181,875	100%	No or Few DACs	N/A	\$181,875	100%
Sacramento Metropolitan AQMD	\$3,426,562	\$3,424,077	100%	\$2,747,666	80%	\$3,384,077	99%
San Diego County APCD	\$2,812,500	\$2,549,145	91%	\$2,063,333	81%	\$2,549,145	100%
San Joaquin Valley APCD	\$75,000,000	\$74,529,331	99%	\$74,239,981	100%	\$74,529,331	100%
San Luis Obispo County APCD	\$614,063	\$614,063	100%	No or Few DACs	N/A	\$508,933	83%
Santa Barbara County APCD	\$614,063	\$614,063	100%	No or Few DACs	N/A	\$614,063	100%
South Coast AQMD	\$100,781,250	\$103,632,68213	103% ¹³	\$80,507,869	78%	\$97,285,583	94%
Ventura County APCD	\$614,063	\$614,063	100%	\$571,050	93%	\$614,063	100%
Statewide Total	\$234,407,398	\$236,538,445	101%	\$198,176,393	84%	\$223,615,158	95%

¹¹ Many rural air districts have no or very few DACs but do have low-income communities suffering from disproportionate air quality impacts. These air districts received investment targets only for low-income communities.

¹² CARB staff will work with Mojave Desert AQMD to maximize total investments in their priority population areas, but Table 2 shows that the air district's total priority population investments are considerably higher than indicated by just FY 2017-18 expenditures.

¹³ Air districts select and fund projects on a cumulative on-going basis up to the liquidation deadline for each pot of funds. South Coast AQMD will reconcile the apparent over-expenditure of their FY 2017-18 funds by the final liquidation deadline of June 30, 2022, resulting in some projects being assigned to a subsequent FY.

Table 7: FY 2018-19 CAP Incentives Expenditure Summary as of November 2021¹⁴

Air Districts with FY 2018-19 Allocations	Allocated FY 18-19 Project Funds	Funds Expended on Projects	Percent Expended on Projects	Funds Expended in DACs ¹⁵	Percent Expende d in DACs	Funds Expended in DACs + LICs	Percent Expended in DACs + LICs
Antelope Valley AQMD	\$1,088,281	\$706,670	65%	\$226,264	32%	\$357,155	51%
Bay Area AQMD	\$37,312,500	\$37,483,929	100%	\$26,472,917	71%	\$32,800,948	88%
Butte County AQMD	\$1,209,201	\$838,201	69%	\$545,589	65%	\$838,201	100%
Eastern Kern APCD	\$703,206	\$524,687	75%	No or Few DACs	N/A	\$524,687	100%
El Dorado County AQMD	\$120,920	\$0	0%	No or Few DACs	N/A	\$0	0%
Feather River AQMD	\$1,088,281	\$401,582	37%	\$401,582	100%	\$401,582	100%
Imperial County APCD	\$6,965,000	\$85,741	1%	\$85,741	100%	\$85,741	100%
Lake County AQMD	\$120,920	\$0	0%	No or Few DACs	N/A	\$0	0%
Mariposa County APCD	\$120,920	\$0	0%	No or Few DACs	N/A	\$0	0%
Mendocino County AQMD	\$120,920	\$0	0%	No or Few DACs	N/A	\$0	0%
Mojave Desert AQMD	\$1,192,990	\$1,192,990	100%	\$907,192	76%	\$1,192,990	100%
Monterey Bay Unified APCD	\$1,433,304	\$1,353,033	94%	\$892,306	66%	\$1,353,033	100%
Northern Sierra AQMD	\$120,920	\$116,865	97%	No or Few DACs	N/A	\$116,865	100%
Northern Sonoma County APCD	\$120,920	\$61,200	51%	No or Few DACs	N/A	\$0	0%
Placer County APCD	\$991,568	\$820,139	83%	No or Few DACs	N/A	\$820,139	100%
Sacramento Metropolitan AQMD	\$13,078,094	\$10,347,127	79%	\$6,303,584	61%	\$8,658,484	84%
San Diego County APCD	\$17,723,438	\$12,635,060	71%	\$12,122,325	96%	\$12,122,325	96%
San Joaquin Valley APCD	\$59,700,000	\$10,088,745	17%	\$8,233,338	82%	\$8,453,338	84%
San Luis Obispo County APCD	\$862,271	\$796,397	92%	No or Few DACs	N/A	\$732,150	92%
Santa Barbara County APCD	\$1,059,100	\$1,059,100	100%	No or Few DACs	N/A	\$1,059,100	100%
Shasta County AQMD	\$120,920	\$0	0%	No or Few DACs	N/A	\$0	0%
Siskiyou County APCD	\$120,920	\$120,920	100%	No or Few DACs	N/A	\$120,920	100%
South Coast AQMD	\$80,221,875	\$35,864,848	45%	\$30,741,172	86%	\$35,023,192	98%
Ventura County APCD	\$1,523,708	\$1,513,208	99%	\$1,268,714	84%	\$1,513,208	100%
Statewide Total	\$227,120,177	\$116,010,442	51%	\$88,200,724	76%	\$106,174,058	92%

¹⁴ Many air districts are either focusing on closing out their FY 2017-18 funds or implementing early plans to begin spending their FY 2018-19 funds. CARB staff will work with the air districts to ensure timely expenditures of funds and investments within priority population areas.

¹⁵ Many rural air districts have no or very few DACs but do have low-income communities suffering from disproportionate air quality impacts. These air districts received investment targets only for low-income communities.

Table 8: FY 2021-22 CAP Incentives Allocations to Air Districts

Air Districts with FY 2021-22 Allocations	Allocated FY 2021-22 Project Funds
Antelope Valley AQMD	\$798,237
Bay Area AQMD	\$26,578,774
Butte County AQMD	\$798,237
Eastern Kern APCD	\$516,565
El Dorado County AQMD	\$88,693
Feather River AQMD	\$798,237
Glenn County APCD	\$88,693
Imperial County APCD	\$4,933,779
Lake County AQMD	\$88,693
Lassen County APCD	\$88,693
Mariposa County APCD	\$88,693
Mendocino County AQMD	\$88,693
Modoc County APCD	\$88,693
Mojave Desert AQMD	\$876,353
Monterey Bay Unified APCD	\$1,052,884
Placer County APCD	\$719,996
Sacramento Metro AQMD	\$5,094,724
San Diego County APCD	\$14,035,523
San Joaquin Valley APCD	\$50,247,246
San Luis Obispo County APCD	\$633,412
Santa Barbara County APCD	\$777,999
Shasta County AQMD	\$88,693
Siskiyou County APCD	\$88,693
South Coast AQMD	\$69,468,600
Ventura County APCD	\$1,119,293
Yolo-Solano AQMD	\$698,980
Statewide Total	\$179,947,076

Table 9: Project Types as of November 2021

Air Districts with Allocations	Summary of Project Types
Antelope Valley AQMD	ZE charging infrastructure
Antelope valley ACIVID	Off-road equipment
	On-road trucks
	Off-road equipment
Bay Area AQMD	School buses
	Charging infrastructure
	Marine vessels
	School buses
Butte County AQMD	School air filtration
,	School composite wood
	Charging infrastructure
Eastern Kern APCD	School buses
	School air filtration
	School air filtration
El Dorado County AQMD	Residential biomass chipping
,	Zero-emission lawn & garden
	Woodstove replacement
	School buses
Feather River AQMD	Emergency vehicles
	Charging infrastructure
	Off-road equipment
	School air filtration
Imperial County APCD	Parking lot paving
, , , , , , ,	School buses
	Urban greening
	School air filtration
Lake County AQMD	School buses
,	Charging infrastructure
	Residential biomass chipping
	Mobile sources
Mariposa County APCD	School air filtration
,	Charging infrastructure
	Zero-emission lawn & garden
Mendocino County AQMD	School air filtration
•	Off-road equipment
Mojave Desert AQMD	School buses
Monterey Bay Unified APCD	Agricultural equipment
• •	Off-road equipment
Northern Sierra AQMD	Off-road equipment
Northern Sonoma County APCD	Agricultural equipment
Placer County APCD	School buses
Sacramento Metropolitan AQMD	School buses
Sacramento Metropolitari Agivid	Charging infrastructure

Air Districts with Allocations	Summary of Project Types
	Off-road equipment
	Marine vessel electrification
San Diego County APCD	School buses
	On-road trucks
	Charging infrastructure
	Agricultural equipment
San Joaquin Valley APCD	• Locomotives
	School buses
San Luis Obispo County APCD	Charging infrastructure
	Agricultural equipment
Santa Barbara County APCD	Marine vessels
Santa Barbara County Ar CD	School buses
	Charging infrastructure
Shasta County AQMD	Agricultural equipment
Siskiyou County AQPCD	School buses
	School air filtration
South Coast AQMD	Hexavalent chromium plating
	Mobile sources
Ventura County APCD	Agricultural equipment

Table 10: Air District Community Engagement Efforts as of November 2021

Air Districts with Reported Events	2020-2021 Events	2020-2021 Attendees	Total Events Since 2018	Total Attendees Since 2018
Antelope Valley AQMD	12	264	25	779
Bay Area AQMD	18	1,500	88	3,188
Butte County AQMD	3	33	10	105
Eastern Kern PCD	5	42	13	97
El Dorado County AQMD	1	29	1	29
Feather River AQMD	4	87	16	405
Imperial County APCD	8	420	39	1,529
Lake County APCD	3	35	4	42
Lassen County APCD	2	10	2	10
Mojave Desert AQMD	1	26	4	82
Monterey Bay Unified APCD	10	698	14	786
Northern Sonoma County APCD	0	0	2	78
Placer County APCD	18	357	43	781
Sacramento Metropolitan AQMD	5	315	64	10,453
San Diego County APCD	23	706	113	3,139
San Joaquin Valley APCD	66	3,258	224	13,524
San Luis Obispo County APCD	2	241	24	736
Santa Barbara County APCD	20	1,208	80	3,368
Shasta County AQMD	5	40	6	40
Siskiyou County APCD	2	5	3	25
South Coast AQMD	43	2,831	118	8,672
Tehama County APCD	1	15	2	15
Ventura County APCD	20	2,085	47	2,770
Statewide Total	272	14,205	942	50,653