

Appendix A: Reported Data (as of May 2021)

Included in this appendix is project and funding data reported by the air districts to CARB during the November 2020 reporting period for CAP incentives. Note that the data in these tables largely represents projects with executed contracts but that have not yet been fully completed; as such, this project data is **subject to change**.

Table 1: GGRF Appropriation by Fiscal Year for CAP Incentives

Fiscal Year	Statute	Appropriation	Liquidation Deadline
2017-18	AB 134 (Committee on Budget, Chapter 254, Statutes of 2017)	\$250 million	June 30, 2023 ¹
2018-19	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
2021-22	SB 170 (Skinner, Chapter 240, Statutes of 2021)	\$260 million	June 30, 2026

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 May 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 AQMD	\$1,025,420	\$545,014	53%	\$675,905	66%
Bay Area AQMD	\$91,663,688	\$68,208,223	74%	\$81,078,268	88%
Butte County AQMD	\$1,179,843	\$1,014,339	86%	\$1,179,843	100%
Eastern Kern 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 Sonoma County APCD	\$61,200	No or Few DACs	N/A	\$0	0% ⁵
Placer County APCD	\$1,757,287	No or Few DACs	N/A	\$1,757,287	100%
Sacramento Metro AQMD	\$9,550,718	\$6,219,407	65%	\$8,270,718	87%
San Diego County APCD	\$7,071,420	\$6,072,873	86%	\$6,558,685	93%
San Joaquin Valley APCD	\$81,858,910	\$80,045,715	98%	\$80,555,065	98%
San Luis Obispo County APCD	\$1,544,570	No or Few DACs	N/A	\$1,241,083	80%
Santa Barbara County APCD	\$2,136,054	No or Few DACs	N/A	\$2,136,054	100%
Siskiyou County APCD	\$165,000	No or Few DACs	N/A	\$165,000	100%
South Coast AQMD	\$165,175,371	\$134,278,686	81%	\$157,903,832	96%
Ventura County APCD	\$3,272,439	\$3,027,945	93%	\$3,272,439	100%
Statewide Total	\$372,841,042	\$303,399,560	81%	\$350,626,670	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 May 2021

Air District or Selected Community	Year Selected	Total Funds Expended in Communities
Bay Area AQMD	N/A	\$30,447,758
Richmond–San Pablo ⁶	2018	\$3,636,230
West Oakland	2018	\$26,811,528
Imperial County APCD	N/A	\$554,777
El Centro, Heber, Calexico	2018	\$554,777
Sacramento Metropolitan AQMD	N/A	\$3,523,145
South Sacramento–Florin ⁶	2018	\$3,523,145
San Diego County APCD	N/A	\$2,902,334
Portside EJ Neighborhoods ⁶	2018	\$2,902,334
San Joaquin Valley AQMD	N/A	\$3,756,264
Shafter	2018	\$1,676,005
South Central Fresno	2018	\$2,080,259
Stockton	2019	\$0 ⁷
South Coast AQMD	N/A	\$67,694,986
East LA, Boyle Heights, West Commerce	2018	\$1,012,271
San Bernardino, Muscoy	2018	\$28,502,494
Wilmington, Carson, West Long Beach	2018	\$24,201,281
Eastern Coachella Valley	2019	\$13,859,897
South East Los Angeles	2019	\$119,043
Statewide Total in Communities	N/A	\$108,879,264
Study Areas⁸	N/A	\$13,513,742
West Oakland Study Area	N/A	\$1,305,500
Shafter Study Area	N/A	\$2,332,501
East LA, Boyle Heights, West Commerce Study Area	N/A	\$1,113,794
San Bernardino, Muscoy Study Area	N/A	\$8,761,947
Statewide Total Including Study Areas	N/A	\$122,393,006

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 May 2021⁹

Air Districts with Reported Projects	Total Expended¹⁰	Funds Expended on ZE Projects	Percent Expended on ZE Projects
Antelope Valley AQMD	\$1,025,420	\$501,643	49%
Bay Area AQMD	\$91,663,688	\$32,535,069	35%
Butte County AQMD	\$1,179,843	\$918,589	78%
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 Sonoma County APCD	\$61,200	\$0	0%
Placer County APCD	\$1,757,287	\$140,125	8%
Sacramento Metropolitan AQMD	\$9,550,718	\$9,370,718	98%
San Diego County APCD	\$7,071,420	\$1,987,008	28%
San Joaquin Valley APCD	\$81,858,910	\$9,693,438	12%
San Luis Obispo APCD	\$1,544,570	\$1,383,697	90%
Santa Barbara APCD	\$2,136,054	\$429,910	20%
Siskiyou County APCD	\$165,000	\$0	0%
South Coast AQMD	\$165,175,371	\$1,919,692	1%
Ventura County APCD	\$3,272,439	\$2,321,918	71%
Statewide Total	\$372,841,043	\$63,178,491	17%

⁹ Several air districts received applications for project categories with few or no available zero-emission alternatives, such as mobile off-road agricultural equipment, in part leading to a wide variation in ZEV 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 May 2021

Air Districts with Reported Projects	Engines Replaced	NOx Reduced (tons)	ROG Reduced (tons)	PM Reduced (tons)
Antelope Valley AQMD	26	4.64	1.24	0.45
Bay Area AQMD	413	2,268.73	133.32	76.64
Butte County AQMD	4	4.79	0.45	0.04
Eastern Kern APCD	5	5.54	0.49	0.13
Feather River AQMD	9	11.79	1.49	0.29
Glenn County APCD	1	0.00	0.00	0.00
Imperial County APCD	1	0.90	0.07	0.01
Mojave Desert AQMD	10	18.65	1.47	0.77
Monterey Bay Unified APCD	10	58.75	4.57	2.53
Northern Sonoma County APCD	1	1.39	0.24	0.18
Placer County APCD	11	6.28	0.62	0.00
Sacramento Metropolitan AQMD	58	41.22	4.00	0.52
San Diego County APCD	59	248.83	32.96	5.94
San Joaquin Valley APCD	890	5,443.05	598.98	395.49
San Luis Obispo County APCD	13	1.41	0.19	0.01
Santa Barbara County APCD	27	43.48	5.13	3.30
Siskiyou County APCD	1	0.57	0.03	0.00
South Coast AQMD	750	6,979.52	383.08	236.96
Ventura County APCD	27	68.82	8.75	5.02
Statewide Total	2,316	15,208.37	1,177.07	728.26

Table 6: FY 2017-18 CAP Incentives Expenditure Summary as of May 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	\$46,684,004	99%	\$35,549,736	76%	\$40,749,778	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	\$614,063	\$646,459 ¹³	105% ¹³	\$614,063.00	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	\$2,713,029	79%	\$2,176,618	80%	\$2,713,029	100%
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	\$74,707,604	99%	\$74,418,254	100%	\$74,707,604	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	\$613,063	99%	No or Few DACs	N/A	\$613,063	100%
South Coast AQMD	\$100,781,250	\$128,672,805 ¹³	127% ¹³	\$103,429,886	80%	\$122,242,922	95%
Ventura County APCD	\$614,063	\$571,050	93%	\$571,050	100%	\$571,050	100%
Statewide Total	\$234,375,002	\$260,794,946¹³	111%¹³	\$220,639,797	85%	\$247,789,875	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. Monterey Bay Unified APCD and South Coast AQMD will reconcile the apparent over-expenditure of their FY 2017-18 funds by the final liquidation deadline for the funds, resulting in some projects being assigned to a subsequent FY.

Table 7: FY 2018-19 CAP Incentives Expenditure Summary as of May 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 Expended in DACs	Funds Expended in DACs + LICs	Percent Expended in DACs + LICs
Antelope Valley AQMD	\$1,088,281	\$556,670	51%	\$76,264	14%	\$207,155	37%
Bay Area AQMD	\$37,312,500	\$37,483,929	100%	\$29,496,438	79%	\$34,206,290	91%
Butte County AQMD	\$1,209,201	\$711,093	59%	\$545,589	77%	\$711,093	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	\$0	0%	No or Few DACs	N/A	\$0	0%
Northern Sonoma County APCD	\$120,920	\$61,200	51%	No or Few DACs	N/A	\$0	0%
Placer County APCD	\$991,568	\$816,875	82%	No or Few DACs	N/A	\$816,875	100%
Sacramento Metropolitan AQMD	\$13,078,094	\$6,837,689	52%	\$4,042,789	59%	\$5,557,689	81%
San Diego County APCD	\$17,723,438	\$4,522,275	26%	\$4,009,540	89%	\$4,009,540	89%
San Joaquin Valley APCD	\$59,700,000	\$7,151,306	12%	\$5,627,460	79%	\$5,847,460	82%
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	\$1,052,991	99%	No or Few DACs	N/A	\$1,052,991	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%

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.

Air Districts with FY 2018-19 Allocations	Allocated FY 18-19 Project Funds	Funds Expended on Projects	Percent Expended on Projects	Funds Expended in DACs¹⁵	Percent Expended in DACs	Funds Expended in DACs + LICs	Percent Expended in DACs + LICs
South Coast AQMD	\$80,221,875	\$36,502,566	46%	\$30,848,801	85%	\$35,660,910	98%
Ventura County APCD	\$1,523,708	\$1,513,208	99%	\$1,268,714	84%	\$1,513,208	100%
Statewide Total	\$227,120,177	\$101,685,152	45%	\$78,202,416	77%	\$93,994,314	92%

Table 8: Project Types as of May 2021

Air Districts with Allocations	Summary of Project Types
Antelope Valley AQMD	<ul style="list-style-type: none"> • EV charging infrastructure • Off-road equipment
Bay Area AQMD	<ul style="list-style-type: none"> • On-road trucks • Off-road equipment • School buses • Charging infrastructure • Marine vessels
Butte County AQMD	<ul style="list-style-type: none"> • School buses • School air filtration • School composite wood • Charging infrastructure
Eastern Kern APCD	<ul style="list-style-type: none"> • School buses • School air filtration
El Dorado County AQMD	<ul style="list-style-type: none"> • School air filtration • Residential biomass chipping • Zero-emission lawn & garden • Woodstove replacement
Feather River AQMD	<ul style="list-style-type: none"> • School buses • Emergency vehicles • Charging infrastructure • Off-road equipment
Imperial County APCD	<ul style="list-style-type: none"> • School air filtration • Parking lot paving • School buses • Urban greening
Lake County AQMD	<ul style="list-style-type: none"> • School air filtration • School buses • Charging infrastructure • Residential biomass chipping
Mariposa County APCD	<ul style="list-style-type: none"> • Mobile sources • School air filtration • Charging infrastructure • Zero-emission lawn & garden
Mendocino County AQMD	<ul style="list-style-type: none"> • School air filtration • Off-road equipment
Mojave Desert AQMD	<ul style="list-style-type: none"> • School buses
Monterey Bay Unified APCD	<ul style="list-style-type: none"> • Agricultural equipment • Off-road equipment
Northern Sierra AQMD	<ul style="list-style-type: none"> • Off-road equipment
Northern Sonoma County APCD	<ul style="list-style-type: none"> • Agricultural equipment
Placer County APCD	<ul style="list-style-type: none"> • School buses
Sacramento Metropolitan AQMD	<ul style="list-style-type: none"> • School buses • Charging infrastructure
San Diego County APCD	<ul style="list-style-type: none"> • Off-road equipment • Marine vessel electrification • School buses • On-road trucks • Charging infrastructure

Air Districts with Allocations	Summary of Project Types
San Joaquin Valley APCD	<ul style="list-style-type: none"> • Agricultural equipment • Locomotives • School buses
San Luis Obispo County APCD	<ul style="list-style-type: none"> • Charging infrastructure
Santa Barbara County APCD	<ul style="list-style-type: none"> • Agricultural equipment • Marine vessels • School buses • Charging infrastructure
Shasta County AQMD	<ul style="list-style-type: none"> • Agricultural equipment
Siskiyou County AQPCD	<ul style="list-style-type: none"> • School buses
South Coast AQMD	<ul style="list-style-type: none"> • School air filtration • Hexavalent chromium plating • Mobile sources
Ventura County APCD	<ul style="list-style-type: none"> • Agricultural equipment

Table 9: Air District Community Engagement Efforts as of May 2021

Air Districts with Reported Events	2020-2021 Events	2020-2021 Attendees	Total Events Since 2018	Total Attendees Since 2018
Antelope Valley AQMD	1	120	19	633
Bay Area AQMD	17	584	79	2,458
Butte County AQMD	3	26	10	105
Eastern Kern PCD	3	16	11	81
El Dorado County AQMD	0	0	1	29
Feather River AQMD	5	185	14	383
Imperial County APCD	9	285	27	889
Lake County APCD	0	0	3	32
Mojave Desert AQMD	1	11	3	56
Monterey Bay Unified APCD	0	0	9	780
Northern Sonoma County APCD	0	0	2	78
Placer County APCD	6	150	34	575
Sacramento Metropolitan AQMD	32	6,379	62	10,439
San Diego County APCD	32	784	100	2,800
San Joaquin Valley APCD	73	7,378	196	11,794
San Luis Obispo County APCD	6	306	22	495
Santa Barbara County APCD	11	189	69	2,274
Shasta County AQMD	4	7	4	7
Siskiyou County APCD	2	25	2	25
South Coast AQMD	34	2,805	101	7,660
Ventura County APCD	10	419	38	1,102
Statewide Total	159	3,955	252	13,514