

## Cap-and-Trade Program Vintage 2019 Allowance Allocation Summary

This document provides a summary of vintage 2019 allowance allocation under the Cap-and-Trade Program (Program) aggregated by allocation methodology. Industrial allowance allocation data are disaggregated by general industrial activity. The methodologies for allowance allocation can be found in [Cap-and-Trade Regulation](#) sections 95852(k) and (l), 95870, and 95890 through 95895. Details on allowance allocation to electrical distribution utilities are not included in this document and are instead posted online at <https://www.arb.ca.gov/cc/capandtrade/allowanceallocation/edu-ng-allowancedistribution/electricity-allocation.xlsx>.

Because facility-level allowance allocation data could reveal confidential business information, the total allocation for each allocation methodology, and allocation to each industrial sector with fewer than five companies, are grouped together. For waste-to-energy facilities and liquefied natural gas suppliers, allowance allocation is provided at the entity level. These entities receive vintage 2019 allowance allocation equal to their 2017 covered emissions, which are already publicly available data and therefore not confidential.

Entities that received no vintage 2019 allocation or that have a negative allocation balance that will carry over to the following year do not appear in this document. Also, pursuant to section 95835(c), an entity with emissions below the Program inclusion threshold for a full compliance period may request to exit the Program. Facilities exiting the Program are not eligible to receive vintage 2019 allowance allocation and do not appear in this document.

The “Total Allocation” values in the tables below are the sum of vintage 2019 allowances allocated to eligible entities. “Total Allocation” values do not include any negative allocation balance that will carry over to the following year. “Total Allocation” values include allowances that have true-up value. Vintage 2019 allowances with true-up value are eligible to be used for compliance for covered emissions in 2017 and subsequent years, and the quantity “Total True-Up Value” is a subset of “Total Allocation” in the tables below.

Detailed information regarding allocation for industrial and other sectors may be found on CARB’s Allowance Allocation web page (<http://www.arb.ca.gov/cc/capandtrade/allowanceallocation/allowanceallocation.htm>). Questions regarding allowance allocation may be directed to David Allgood at (916) 445-8238 or [David.Allgood@arb.ca.gov](mailto:David.Allgood@arb.ca.gov).

Industrial Allocation				
Category	Total Allocation	NAICS Codes	Facility Names	Total # Facilities
Petroleum Refining and Hydrogen Production	Total Allocation: 22,123,115 Total True-Up Value: 2,463,877	<ul style="list-style-type: none"> <li>• 324110 – Petroleum Refineries</li> <li>• 324199 – All Other Petroleum and Coal Products Manufacturing</li> <li>• 325120 – Industrial Gas Manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>• 100002 – Tesoro Los Angeles Refinery - Wilmington Calciner</li> <li>• 100127 – Air Products Wilmington Hydrogen Plant</li> <li>• 100138 – Chevron Products Company - El Segundo Refinery, 90245</li> <li>• 100217 – Torrance Refinery</li> <li>• 100303 – Phillips 66 Company - San Francisco Refinery</li> <li>• 100329 – Phillips 66 Company - Los Angeles Refinery - Wilmington Plant</li> <li>• 100351 – Phillips 66 Company - San Francisco Carbon Plant</li> <li>• 100372 – Valero Refining Company - California, Benicia Refinery and Benicia Asphalt Plant</li> <li>• 100888 – Plains LPG Services/ Lone Star Frac &amp; Isom Facility</li> <li>• 100913 – Phillips 66 Company - Los Angeles Refinery - Carson Plant</li> <li>• 100914 – Shell Oil Products US – Martinez</li> <li>• 101017 – Air Products &amp; Chemicals, Inc., Martinez</li> <li>• 101053 – Praxair Inc.</li> <li>• 101162 – Lunday-Thagard Company DBA World Oil Refining</li> <li>• 101205 – Ultramar Inc – Valero Wilmington</li> <li>• 101226 – Phillips 66 Company - Santa Maria Refinery</li> </ul>	27

<b>Industrial Allocation</b>				
<b>Category</b>	<b>Total Allocation</b>	<b>NAICS Codes</b>	<b>Facility Names</b>	<b>Total # Facilities</b>
Petroleum Refining and Hydrogen Production (Continued)	See Above	<ul style="list-style-type: none"> <li>• See Above</li> </ul>	<ul style="list-style-type: none"> <li>• 101239 – San Joaquin Refining Company</li> <li>• 101246 – Tesoro Los Angeles Refinery - Carson</li> <li>• 101248 – Air Products Carson Hydrogen Plant</li> <li>• 101331 – Tesoro Refining and Marketing Co. - Martinez</li> <li>• 101384 – Chevron Products Company - Richmond Refinery, 94802</li> <li>• 101507 – Kern Oil Refinery</li> <li>• 101512 – Air Products Manufacturing Corporation Sacramento</li> <li>• 101701 – Air Liquide El Segundo Hydrogen Plant</li> <li>• 101709 – DeMenno/Kerdoon</li> <li>• 101749 – Air Liquide Large Industries US L.P. - Rodeo Hydrogen Plant</li> <li>• 104005 – Tricor Refining LLC</li> </ul>	See Above

Industrial Allocation				
Category	Total Allocation	NAICS Codes	Facility Names	Total # Facilities
Crude Petroleum and Natural Gas Extraction	Total Allocation: 7,756,711 Total True-Up Value: 157,286	<ul style="list-style-type: none"> <li>• 211111 – Crude Petroleum and Natural Gas Extraction</li> <li>• 211112 – Natural Gas Liquid Extraction</li> </ul>	<ul style="list-style-type: none"> <li>• 100888 – Plains LPG Services/ Lone Star Frac &amp; Isom Facility</li> <li>• 100895 – Berry Petroleum Company - Placerita</li> <li>• 101231 – All American Oil and Gas Inc.</li> <li>• 101460 – TRC Cypress Group LLC</li> <li>• 101674 – Pacific Coast Energy Company LP</li> <li>• 101703 – Crestwood West Coast LLC</li> <li>• 103016 – Sentinel Peak Resources - Arroyo Grande Oil Production Facility</li> <li>• 104011 – Chevron AAPG 740 Coastal Basin</li> <li>• 104012 – Chevron AAPG 745 San Joaquin Basin</li> <li>• 104013 – Chevron 17Z Gas Plant</li> <li>• 104014 – California Resources Elk Hills, LLC - 35R Gas Plant</li> <li>• 104016 – Aera Energy San Joaquin Basin</li> <li>• 104017 – Aera Energy Ventura Basin</li> <li>• 104018 – Aera Energy Coastal Basins</li> </ul>	29

Industrial Allocation				
Category	Total Allocation	NAICS Codes	Facility Names	Total # Facilities
Crude Petroleum and Natural Gas Extraction (Continued)	See Above	See Above	<ul style="list-style-type: none"> <li>• 104029 – California Resources Production Corporation - Sacramento Valley Basin 730</li> <li>• 104030 – California Resources Production Corporation - San Joaquin Valley Basin 745</li> <li>• 104033 – California Resources Production Corporation - SCVGP Gas Plant</li> <li>• 104072 – California Resources Production Corporation - 760 Los Angeles Basin</li> <li>• 104075 – BreitBurn Operating LP - Los Angeles Basin Facility</li> <li>• 104081 – Sentinel Peak Resources - SJV Basin Facility</li> <li>• 104090 – Signal Hill Petroleum Facilities</li> <li>• 104091 – Seneca San Joaquin Production Facilities</li> <li>• 104094 – Berry Petroleum Company - San Joaquin Basin</li> <li>• 104097 – Naftex Operating Company</li> <li>• 104215 – E&amp;B Natural Resources - San Joaquin Valley</li> <li>• 104426 –Holmes Western Oil Corporation</li> <li>• 104458 – ERG Operating Company LLC. 750 Santa Maria Basin</li> <li>• 104488 – Crimson Resource Management Corp</li> <li>• 104581 – Eagle Petroleum - Lynch Canyon Field</li> </ul>	See Above

Industrial Allocation				
Category	Total Allocation	NAICS Codes	Facility Names	Total # Facilities
Cement, Lime, Gypsum, and Clay Product Manufacturing	Total Allocation: 8,450,160 Total True-Up Value: 548,342	<ul style="list-style-type: none"> <li>• 327123 – Other Structural Clay Product Manufacturing</li> <li>• 327310 – Cement Manufacturing</li> <li>• 327410 – Lime Manufacturing</li> <li>• 327420 – Gypsum Product Manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>• 100013 – CalPortland Company Oro Grande Plant</li> <li>• 101010 – Mitsubishi Cement 2000</li> <li>• 101029 – CalPortland Company, Mojave Plant</li> <li>• 101265 – Lehigh Southwest Cement Co - Cupertino</li> <li>• 101271 – U.S. Gypsum Co Plaster City Plant</li> <li>• 101314 – National Cement Company - Lebec</li> <li>• 101381 – Lehigh Southwest Cement Co - Redding</li> <li>• 101461 – Lehigh Southwest Cement Co - Tehachapi</li> <li>• 101476 – Cemex Construction Materials Pacific LLC - Victorville Plant</li> <li>• 101697 – New NGC, Inc - Long Beach</li> <li>• 101700 – Georgia-Pacific Gypsum LLC - Antioch</li> <li>• 101715 – LWFP LLC</li> <li>• 104052 – Lhoist North America - Natividad Plant</li> <li>• 104415 – New NGC, Inc - Richmond</li> </ul>	14

Industrial Allocation				
Category	Total Allocation	NAICS Codes	Facility Names	Total # Facilities
Fruit and Vegetable Canning	Total Allocation: 292,309 Total True-Up Value: 1,581	<ul style="list-style-type: none"> <li>• 311421 – Fruit and Vegetable Canning</li> </ul>	<ul style="list-style-type: none"> <li>• 100936 – Campbell Soup Supply Company, L.L.C. - Dixon</li> <li>• 100972 – Los Gatos Tomato Products</li> <li>• 101008 – Ingomar Packing Company</li> <li>• 101025 – Stanislaus Food Products</li> <li>• 101207 – Pacific Coast Producers</li> <li>• 101213 – Olam West Coast Inc- Lemoore</li> <li>• 101214 – Del Monte - Hanford</li> <li>• 101217 – Mizkan America Inc.</li> <li>• 101498 – Morning Star Packing Company – Los Banos</li> <li>• 101499 – Liberty Packing - Los Banos (Morning Star)</li> <li>• 101500 – Olam West Coast Inc - Williams</li> <li>• 101502 – Tomatek / Neil Jones Food Companies</li> <li>• 101503 – ConAgra - Oakdale</li> <li>• 101504 – J.G.Boswell Tomato Company Kings</li> <li>• 101536 – Morning Star Packing Company - Williams</li> <li>• 101705 – J. G. Boswell Tomato Company Kern</li> </ul>	16

Industrial Allocation				
Category	Total Allocation	NAICS Codes	Facility Names	Total # Facilities
Other Food Manufacturing	Total Allocation: 489,080 Total True-Up Value: 73,089	<ul style="list-style-type: none"> <li>• 111419 – Other Food Crops Grown Under Cover</li> <li>• 311313 – Beet Sugar Manufacturing</li> <li>• 311423 – Dried and Dehydrated Food Manufacturing</li> <li>• 311615 – Poultry Processing</li> <li>• 311911 – Roasted Nuts and Peanut Butter Manufacturing</li> <li>• 311919 – Other Snack Food Manufacturing</li> <li>• 311991 – Perishable Prepared Food Manufacturing</li> <li>• 312120 – Breweries</li> <li>• 312130 – Wineries</li> </ul>	<ul style="list-style-type: none"> <li>• 100958 – E &amp; J Gallo Winery - Fresno</li> <li>• 101235 – Frito Lay - Kern Plant</li> <li>• 101241 – Spreckels Sugar Company, Inc.- Brawley</li> <li>• 101284 – Olam West Coast Inc. – Gilroy</li> <li>• 101315 – Sensient Natural Ingredients LLC</li> <li>• 101473 – Anheuser-Busch LLC - Los Angeles Brewery</li> <li>• 101519 – CP Kelco San Diego</li> <li>• 101575 – Foster Poultry Farms - Livingston Complex, 95334</li> <li>• 101693 – Wm. Bolthouse Farms, Inc.</li> <li>• 101736 – WP&amp;A Lost Hills</li> <li>• 104069 – Olam West Coast, Inc. – Firebaugh</li> <li>• 104207 – Frito Lay - Modesto</li> <li>• 104359 – Windset Farms</li> <li>• 104709 – SunSelect Produce (California) Inc.</li> </ul>	14
Dairies	Total Allocation: 238,836 Total True-Up Value: 8,438	<ul style="list-style-type: none"> <li>• 311513 – Cheese Manufacturing</li> <li>• 311514 – Dry, Condensed, and Evaporated Dairy Product Manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>• 100959 – California Dairies, Inc. Fresno</li> <li>• 101186 – Saputo Cheese USA Inc. - Paige</li> <li>• 101190 – California Dairies, Inc. Turlock</li> <li>• 101197 – California Dairies, Inc. Visalia</li> <li>• 101288 – Hilmar Cheese Company</li> <li>• 101465 – Land O' Lakes, Inc.</li> <li>• 101509 – California Dairies, Inc. Tipton</li> <li>• 101716 – Leprino Foods - Lemoore West</li> </ul>	8



Industrial Allocation				
Category	Total Allocation	NAICS Codes	Facility Names	Total # Facilities
Glass Manufacturing	Total Allocation: 617,690 Total True-Up Value: 35,691	<ul style="list-style-type: none"> <li>• 327211 – Flat Glass Manufacturing</li> <li>• 327213 – Glass Container Manufacturing</li> <li>• 327993 – Mineral Wool Manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>• 100917 – CertainTeed Corporation</li> <li>• 101154 – Owens Corning Insulating Systems LLC, Santa Clara</li> <li>• 101183 – Owens-Brockway Glass Container Tracy</li> <li>• 101342 – Ardagh Glass Inc.</li> <li>• 101475 – Owens-Brockway Glass Container Vernon</li> <li>• 101513 – Vitro Flat Glass LLC</li> <li>• 101721 – Guardian Industries LLC</li> <li>• 103018 – Gallo Glass Company</li> <li>• 104122 – Johns Manville</li> </ul>	9
Paper Manufacturing	Total Allocation: 494,942 Total True-Up Value: 25,635	<ul style="list-style-type: none"> <li>• 322121 – Paper (except Newsprint) Mills</li> <li>• 322130 – Paperboard Mills</li> </ul>	<ul style="list-style-type: none"> <li>• 100195 – New-Indy Ontario LLC Linerboard Mill</li> <li>• 100962 – Kimberly Clark Worldwide Inc.</li> <li>• 101356 – New-Indy Oxnard LLC</li> <li>• 101582 – The P&amp;G Paper Products Co.</li> <li>• 104135 – California Paperboard Corporation</li> <li>• 104136 – Newark Pacific Paperboard</li> </ul>	6

Industrial Allocation				
Category	Total Allocation	NAICS Codes	Facility Names	Total # Facilities
Metal Processing and Manufacturing	Total Allocation: 416,533 Total True-Up Value: 61,894	<ul style="list-style-type: none"> <li>• 331111 – Iron and Steel Mills</li> <li>• 331221 – Rolled Steel Shape Manufacturing</li> <li>• 331314 – Secondary Smelting and Alloying of Aluminum</li> <li>• 331492 – Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)</li> <li>• 331511 – Iron Foundries</li> <li>• 332112 – Nonferrous Forging</li> </ul>	<ul style="list-style-type: none"> <li>• 100952 – TST Inc.</li> <li>• 100953 – Vista Metals Corp.</li> <li>• 100954 – California Steel Industries</li> <li>• 101068 – USS-POSCO Industries</li> <li>• 101073 – TAMCO</li> <li>• 101469 – United States Pipe &amp; Foundry Co. LLC</li> <li>• 101734 – Carlton Forge Works</li> <li>• 104197 – Quemetco, Inc.</li> <li>• 104329 – Shultz Steel Company</li> <li>• 104358 – Schlosser Forge Company</li> </ul>	10
Chemical, Biological, and Pharmaceutical Manufacturing	Total Allocation: 395,648 Total True-Up Value: 33,575	<ul style="list-style-type: none"> <li>• 325188 – All Other Basic Inorganic Chemical Manufacturing</li> <li>• 325193 – Ethyl Alcohol Manufacturing</li> <li>• 325199 – All Other Basic Organic Chemical Manufacturing</li> <li>• 325412 – Pharmaceutical Preparation Manufacturing</li> <li>• 325414 – Biological Product (except Diagnostic) Manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>• 100259 – Eco Services - Dominguez</li> <li>• 100389 – Braun Medical Inc</li> <li>• 101451 – Genentech Inc South San Francisco</li> <li>• 101685 – Pixley Cogeneration Partners / Calgren Renewable Fuels</li> <li>• 101733 – Dow Chemical Company – Pittsburg</li> <li>• 104048 – Pacific Ethanol Stockton, LLC</li> <li>• 104347 – Aemetis Advanced Fuels Keyes, Inc.</li> <li>• 104423 – Procter &amp; Gamble Manufacturing Co. – Sacramento</li> <li>• 104540 – Pacific Ethanol Madera LLC</li> </ul>	9

<b>Industrial Allocation and Legacy Contract Allocation</b>				
<b>Category</b>	<b>Total Allocation</b>	<b>NAICS Codes (for Industrial Allocation Recipients Only)</b>	<b>Facility Names</b>	<b>Total # Facilities</b>
Miscellaneous Industrial Facilities and Legacy Contract Allocation	Total Allocation: 1,908,175 Total True-Up Value: 83,673	<ul style="list-style-type: none"> <li>• 211112 – Fossil Fuel Electric Power Generation</li> <li>• 212391 – Potash, Soda, and Borate Mineral Mining</li> <li>• 212399 – All Other Nonmetallic Mineral Mining</li> <li>• 333611 – Turbine and Turbine Generator Set Units Manufacturing</li> <li>• 336111 – Automobile Manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>• 100011 – Searles Valley Minerals Inc.</li> <li>• 100252 – Sacramento Municipal Utility District (SMUD) SCA</li> <li>• 100300 – U.S. Borax</li> <li>• 101118 – Solar Turbines Incorporated - Kearny Mesa</li> <li>• 101243 – Dicalite Minerals Corp.</li> <li>• 101318 – Imerys Minerals California, Inc.</li> <li>• 104516 – Tesla Motors</li> </ul>	7

<b>Natural Gas Supplier Allocation</b>			
<b>Total Allocation</b>	<b>Total True-Up Value</b>	<b>Facility Names</b>	<b>Total # Entities</b>
41,753,424	0	<ul style="list-style-type: none"> <li>• 5002 – Southern California Gas Company</li> <li>• 5003 – Long Beach Gas &amp; Oil Dept (LBGO)</li> <li>• 5008 – City of Vernon, Gas Municipal Utility Department</li> <li>• 5011 – City of Palo Alto - Gas Utility</li> <li>• 5013 – Southwest Gas Distribution Facilities</li> <li>• 104024 – Pacific Gas and Electric Company (PG&amp;E) - Supplier of Natural Gas</li> <li>• 104085 – San Diego Gas and Electric (SDG&amp;E) - Local Distribution</li> </ul>	7

<b>Universities and Public Service Facilities</b>			
<b>Total Allocation</b>	<b>Total True-Up Value</b>	<b>Facility Names</b>	<b>Total # Facilities</b>
875,442	0	<ul style="list-style-type: none"> <li>• 100207 – Loma Linda University</li> <li>• 100235 – California State University Channel Islands</li> <li>• 100273 – University of California, Santa Cruz, UCSC EH&amp;S Office</li> <li>• 100305 – University of California, Davis</li> <li>• 100327 – California Institute of Technology (CalTech)</li> <li>• 100328 – Civic Center Cogen, LA County</li> <li>• 100997 – University of California, Los Angeles, UCLA</li> <li>• 101296 – University of California, Irvine</li> <li>• 101305 – University of California, San Diego, UCSD</li> <li>• 101399 – California State University, San Diego</li> <li>• 101416 – University of California, San Francisco</li> <li>• 104068 – UC Davis Medical Center</li> <li>• 104372 – University of California, Santa Barbara</li> <li>• 104514 – University of California, Berkeley</li> </ul>	14

<b>Waste-to-Energy Facilities and Liquefied Natural Gas Suppliers</b>			
<b>Total Allocation</b>	<b>Facility Allocation (all allowances have true-up value)</b>	<b>Facility Names</b>	<b>Total # Facilities</b>
247,835	94,393	100063 – Southeast Resource Recovery Facility (SERRF)	4
	49,803	100064 – LACSD - Commerce Refuse To Energy	
	93,886	101264 – Covanta - Stanislaus, Inc	
	9,753	104536 – Clean Energy	

<b>Public Wholesale Water Agencies</b>			
<b>Total Allocation</b>	<b>Total True-Up Value</b>	<b>Facility Names</b>	<b>Total # Facilities</b>
41,502	0	2046 – Metropolitan Water District of Southern California (MWD)	1

<b>Total Allowance Allocation</b>			
<b>Total Allocation</b>	<b>Total True-Up Value</b>	<b>Category</b>	<b>Total # Entities<sup>1</sup></b>
43,183,199	3,493,081	Total industrial and legacy contract allowance allocation	148
86,101,402	3,740,916	Total allowance allocation in this summary document	174
84,921,034	0	Total electrical distribution utility allowance allocation <sup>2</sup>	54
<b>171,022,436</b>	<b>3,740,916</b>	<b>TOTAL ALLOWANCE ALLOCATION</b>	<b>228</b>

<sup>1</sup> Total number of facilities/entities from each of the above categories will not add up to the “Total # Entities” under “Total Allowance Allocation” since an entity may receive allocation under multiple allocation categories.

<sup>2</sup> For more information on allocation to the electrical distribution utilities, please see <https://www.arb.ca.gov/cc/capandtrade/allowanceallocation/edu-ng-allowancedistribution/electricity-allocation.xlsx>