

Released October 5, 2021

Linked California and Québec Cap-and-Trade Programs Carbon Market Compliance Instrument Report Aggregated by Type and Account

This report summarizes the number of compliance instruments held in the Compliance Instrument Tracking System Service (CITSS) accounts in the California (CA) and Québec (QC) Cap-and-Trade Programs. The data are presented by instrument type (allowances by vintages and offset credits by project type), and is aggregated for each type of account. Unless denoted with the issuing jurisdiction in parentheses (CA or QC), instrument types are issued by California, Québec or Ontario (see notes). For program participants in California and Québec, the accounts include: General (Holding) Accounts; Compliance Accounts; Limited Use Holding Accounts (CA entities only). The California and Québec jurisdiction accounts include: Voluntary Renewable Electricity Account (CA); Auction, Issuance and Allocation Accounts; Allowance Price Containment Reserve Account; Price Ceiling Account (CA); Retirement Account; Invalidation Account; Environmental Integrity Account (QC); and the Forest Buffer Account (CA). The information is aggregated by allowance type, regardless of the issuing jurisdiction. The account holdings of any entity may contain compliance instruments (allowances and offsets) issued by multiple jurisdictions. Besides the table on this page, the report contains additional tables that provide detailed accounting of the Forest Buffer (CA) and Environmental Integrity Accounts (QC), the Price Containment Reserve Accounts and Price Ceiling Account (CA).

This information was pulled from the Compliance Instrument Tracking System Service (CITSS) as of 9:00 am (PDT) and noon (EDT) on October 1, 2021. The report includes all allowances being held by program participants registered according to California and Québec Cap-and-Trade Programs Regulations. This report is typically released on the third business day of each calendar quarter.

Vintage	Entity Accounts			Jurisdiction Accounts					All Accounts	
	General	Compliance	Limited Use Holding Account (CA) <sup>(1)</sup>	Voluntary Renewable Electricity (CA)	Auction + Issuance + Allocation	Retirement *	Invalidation	Reserve + Price Ceiling (CA) <sup>(2)</sup>	Environmental Integrity (QC) + Forest Buffer (CA) <sup>(3)</sup>	Total
2013	1,223,825	46,960	0	0	0	182,864,369	0	0	4,846	184,140,000
2014	2,387,867	221,394	0	0	0	178,454,614	0	7,125	0	181,071,000
2015	3,701,215	2,229,288	0	241,653	0	435,156,134	0	79,710	0	441,408,000
2016	17,687,764	17,011,210	0	956,000	0	362,866,294	0	20,971,641	0	419,492,909
2017	33,182,974	24,890,314	0	926,000	3,997	347,650,583	0	16,248,243	0	422,902,111
2018	84,380,816	240,565,318	0	895,750	20,645	68,748,384	0	376,682	0	394,987,595
2019	125,604,877	240,845,125	0	865,750	34,053	6,825,897	0	693,975	0	374,869,677
2020	163,505,033	185,902,622	0	835,500	12,736,199	1,246,598	0	0	0	364,225,952
2021	197,401,440	100,092,573	0	0	64,778,396	2,196,014	0	0	0	364,468,423
2022	64,020,212	29,791,694	82,439,830	0	164,583,807	6,951,057	0	0	0	347,786,600
2023	27,779,750	0	0	0	305,318,156	1,307,894	0	0	0	334,405,800
2024	24,918,750	0	0	0	294,862,571	1,134,079	0	0	0	320,915,400
2025	0	0	0	0	306,490,921	1,134,079	0	0	0	307,625,000
2026	0	0	0	0	293,010,121	1,134,079	0	0	0	294,144,200
2027	0	0	0	0	279,619,721	1,134,079	0	0	0	280,753,800
2028	0	0	0	0	266,338,921	1,134,079	0	0	0	267,473,000
2029	0	0	0	0	252,848,521	1,134,079	0	0	0	253,982,600
2030	0	0	0	0	239,467,721	1,134,079	0	0	0	240,601,800
Non-Vintage Québec Early Reduction Credits (QC)	19,221	0	0	0	0	2,020,805	0	0	0	2,040,026
Non-Vintage Reserve Allowances	38,317	0	0	0	0	1,262,137	0	235,522,646	0	236,823,100
Price Ceiling Units (CA)	0	0	0	0	0	0	0	0	0	0
<b>Allowances Subtotal</b>	<b>745,852,061</b>	<b>841,596,498</b>	<b>82,439,830</b>	<b>4,720,653</b>	<b>2,480,113,750</b>	<b>1,605,489,333</b>	<b>0</b>	<b>273,900,022</b>	<b>4,846</b>	<b>6,034,116,993</b>
<b>California - Offset Credits</b>										
U.S. Forest Project Offset Credits	77,263,107	10,834,080	0	0	85,334	67,430,923	0	0	29,053,336	184,666,780
Urban Forest Project Offset Credits	0	0	0	0	0	0	0	0	0	0
Ozone Depleting Substances Offset Credits	5,394,377	1,347,175	0	0	0	17,238,399	88,955	0	0	24,068,906
Livestock Manure Digesters Offset Credits	2,544,834	519,358	0	0	0	4,871,031	24,229	0	0	7,959,452
Mine Methane Capture Offset Credits	2,912,000	496,184	0	0	169,007	4,861,367	0	0	0	8,438,558
Rice Cultivate Project Offset Credits	0	0	0	0	0	0	0	0	0	0
<b>Québec - Offset Credits</b>										
Destruction of Ozone Depleting Substances Offset Credits	42,841	48,463	0	0	0	474,961	0	0	12,520	578,785
Landfill Site Methane Destruction Offset Credits	9,417	339,588	0	0	0	110,370	0	0	14,240	473,615
<b>Offset Credits Subtotal</b>	<b>88,166,576</b>	<b>13,584,848</b>	<b>0</b>	<b>0</b>	<b>254,341</b>	<b>94,987,051</b>	<b>113,184</b>	<b>0</b>	<b>29,080,096</b>	<b>226,186,096</b>
<b>TOTAL</b>	<b>834,018,637</b>	<b>855,181,346</b>	<b>82,439,830</b>	<b>4,720,653</b>	<b>2,480,368,091</b>	<b>1,700,476,384</b>	<b>113,184</b>	<b>273,900,022</b>	<b>29,084,942</b>	<b>6,260,303,089</b>

Notes:

Ontario joined the linked Cap-and-Trade Program with Québec and California on January 1, 2018. On July 3, 2018, the Government of Ontario filed a regulation that revoked the Ontario cap-and-trade regulation. As of that date, there were 13,186,967 more allowances held in California and Québec accounts than the total number of allowances issued by those two jurisdictions alone. To maintain the environmental stringency of the linked market, California and Québec have respectively retired 11,340,792 and 1,846,175 allowances to account for the remaining Ontario allowances. California retired an equal amount of vintages 2021 through 2030 and Québec retired vintage 2017 allowances.

\* Voluntarily surrendering allowances to the Retirement Account is permanent and does NOT fulfill any compliance obligations.

In 2021, pursuant to section 95913(h)(1)(C), the Executive Officer transferred the allowances remaining in the three-tier Reserve Account as of December 31, 2020 to the Price Ceiling Account. This did not include the Reserve allowances that were already transferred to the current two-tier Reserve account pursuant to section 95913(h)(1)(A).

(1) The California Air Resources Board (CARB) transfers allowances to eligible electrical distribution utilities and natural gas suppliers (consigning entities) each year. A Limited Use Holding Account (LUHA) is created for each consigning entity, and a consigning entity must offer for sale at auction by the end of each year all the allocated allowances that have been placed in the LUHA.

(2) See the Reserve Price Ceiling table for more details.

(3) See CA Offset Credits table for more details.

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Vintage	General	Compliance	Limited Use Holding Account (CA)	Voluntary Renewable Electricity (CA)	Auction + Issuance + Allocation	Retirement *	Invalidation	Reserve + Price Ceiling (CA)	Forest Buffer (CA)	Total
<b>California - Offset Credits (non-DEBs)</b>										
U.S. Forest Project Offset Credits	63,525,801	10,365,468	0	0	0	53,032,928	0	-	23,414,052	150,338,249
Urban Forest Project Offset Credits	0	0	0	0	0	0	0	-	0	0
Ozone Depleting Substances Offset Credits	1,044,080	149,011	0	0	0	14,983,019	88,955	-	0	16,265,065
Livestock Manure Digesters Offset Credits	1,878,512	474,793	0	0	0	4,684,256	24,229	-	0	7,061,790
Mine Methane Capture Offset Credits	2,912,000	496,184	0	0	169,007	4,861,367	0	-	0	8,438,558
Rice Cultivate Project Offset Credits	0	0	0	0	0	0	0	-	0	0
<b>California - Offset Credits from projects that provide Direct Environmental Benefits (DEBS)</b>										
U.S. Forest Project Offset Credits	13,737,306	468,612	0	0	85,334	14,397,995	0	-	5,639,284	34,328,531
Urban Forest Project Offset Credits	0	0	0	0	0	0	0	-	0	0
Ozone Depleting Substances Offset Credits	4,350,297	1,198,164	0	0	0	2,255,380	0	-	0	7,803,841
Livestock Manure Digesters Offset Credits	666,322	44,565	0	0	0	186,775	0	-	0	897,662
Mine Methane Capture Offset Credits	0	0	0	0	0	0	0	-	0	0
Rice Cultivate Project Offset Credits	0	0	0	0	0	0	0	-	0	0
<b>TOTAL</b>	<b>88,114,318</b>	<b>13,196,797</b>	<b>0</b>	<b>0</b>	<b>254,341</b>	<b>94,401,720</b>	<b>113,184</b>	<b>-</b>	<b>29,053,336</b>	<b>225,133,696</b>

Notes:  
 For more information on the direct environmental benefits provisions of the California Cap-and-Trade Regulation, please see <https://ww2.arb.ca.gov/our-work/programs/compliance-offset-program/direct-environmental-benefits>.  
 \* Voluntarily surrendering allowances to the Retirement Account is permanent and does NOT fulfill any compliance obligations.



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Vintage	Reserve (QC)			Reserve (CA)		Price Ceiling (CA)	All Accounts Total
	Category A	Category B	Category C	Tier 1	Tier 2		
	2013	0	0	0	0	0	0
2014	0	0	7,125	0	0	0	7,125
2015	0	0	79,710	0	0	0	79,710
2016	0	0	80,394	0	0	20,891,247	20,971,641
2017	0	0	62,568	0	0	16,185,675	16,248,243
2018	0	0	376,682	0	0	0	376,682
2019	0	0	693,975	0	0	0	693,975
2020	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0
Non-Vintage Reserve Allowances	13,288,033	13,288,033	11,987,580	66,811,000	89,537,000	40,611,000	235,522,646
Price Ceiling Units (CA)	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>13,288,033</b>	<b>13,288,033</b>	<b>13,288,034</b>	<b>66,811,000</b>	<b>89,537,000</b>	<b>77,687,922</b>	<b>273,900,022</b>

Notes:

While there is a single Reserve Account in CITSS assigned to each jurisdiction, this table depicts the number of instruments available in each Tier or Category pursuant to the California and Quebec Cap-and-Trade Regulations.