

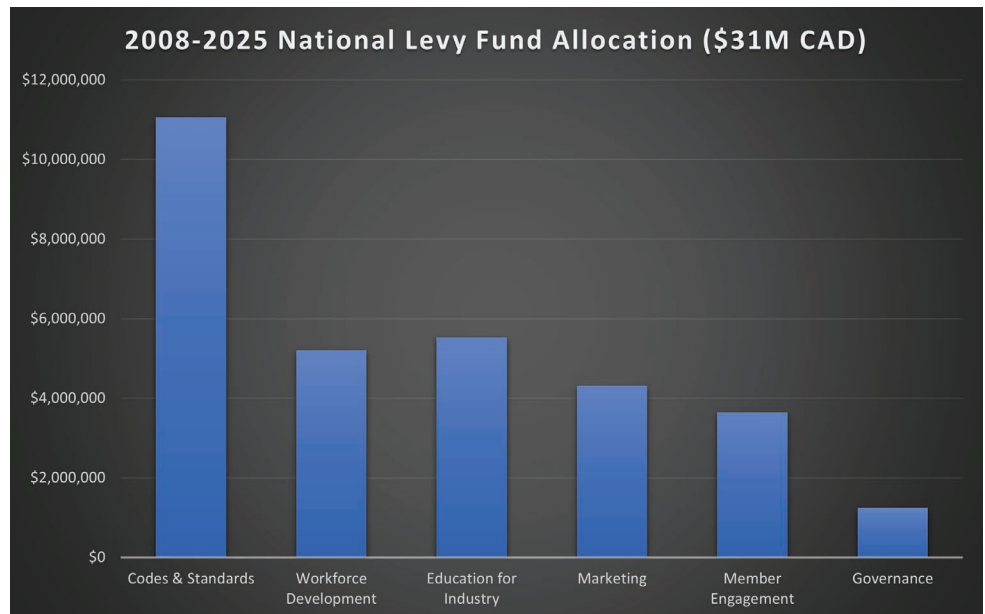


The Canadian Concrete Masonry Producers Association

By the Members, **for the Industry.**

Launching in 2008, the Canadian Concrete Masonry Producers Association (**CCMPA**) is a national organization which aims to support and promote the concrete block masonry industry in Canada. Together with our representative Board of Directors, our membership achieves this by driving forward our collaboratively designed strategic plan. Together, we strive for sustainability and resilience in concrete block production, design and construction.

Since inception, the Levy Program has **reinvested over \$31 million**—100% of all industry collected funds remitted by producing members—directly back into the masonry sector.



For over a decade, CCMPA's sustained investment in university-based masonry research has produced significant, measurable benefits for the concrete block industry and for the broader Canadian construction sector. In the past twelve years alone, CCMPA has invested approximately **\$3.1 million** directly into academic research. This funding has leveraged an additional **\$9.5 million** in matching federal support through major granting agencies, as well as \$6.9 million in competitive, non-industry grants secured independently by university researchers. Together, these programs show that **every \$1.00 invested by CCMPA generates approximately \$5.29 in federal research funding**, enabling large-scale, industry-supportive work that would otherwise be impossible.



Beyond financial leverage, the research network supported by CCMPA and CMDC has trained more than **100 master's students, 50 PhD candidates, and 60 undergraduate co-op students**. These graduates now work in engineering firms, government ministries, code-development committees, universities, and industry organizations, significantly strengthening the depth of masonry expertise nationwide. Many have become professors, researchers, technical specialists, and association leaders who continue advancing the masonry industry.

One of the most important outcomes of this investment is its direct influence on **Canada's national masonry design standard: CSA S304**. Because most structural concrete block construction falls outside Part 9 of the building code, improvements to S304 have a major impact on how block is engineered across the country. Over the past decade, CCMPA-funded researchers have contributed to **350+ proposed technical changes** incorporated into **CSA S304-2024**, representing a complete modernization of masonry design.

Key advancements include:

- 20% increase in masonry design strength ($f'm$) through extensive prism testing and analysis.
- New provisions allowing taller walls to ignore slenderness effects, simplifying design and reducing required rebar.
- Major updates allowing stack bond and running bond to be treated equivalently when bond beams are spaced at 1.2 m, dramatically reducing unnecessary vertical steel.
- A 50% increase in the effective compression zone (from 4t to 6t), enabling wider spacing of reinforcing bars.
- Relaxed height-to-thickness limits for shear walls, benefiting critical infrastructure such as hospitals.
- Adoption of new shear-strength equations that eliminate long-standing design limitations, enabling more cost-effective loadbearing masonry with less grout and fewer bond beams.



Collectively, these changes ensure masonry remains competitive, structurally efficient, and aligned with evolving seismic and loading requirements. As a structural material, concrete block depends on strong, up-to-date design standards. By targeting research where it matters most, CCMPA ensures grey block remains viable, economical, and future-ready—supporting both structural masonry and the masonry veneer market that depends on it.

This National Block Levy Program is a non-federally mandated initiative that runs on a double-blind system with oversight from Dixon Gordon LLP in full compliance with the Competition Act XXX.

Association membership dues are required annually to continue access to the association, all resources and technical support. This small fee is invoiced at \$4500CAD per machine up to a sales threshold of 1M block (reported and remitted confidentially to Dixon Gordon LLP).

In addition to the membership dues, the structure of the national block levy is **\$0.07 per CMU**, which is invoiced by producer members. **Producers retain \$0.005** to offset administrative costs and remit **\$0.045**.
(Meaning \$5,000 CAD per million blocks sold remains with the producer).



CANADA
MASONRY
DESIGN
CENTRE

Scan to learn more
about the CMDC



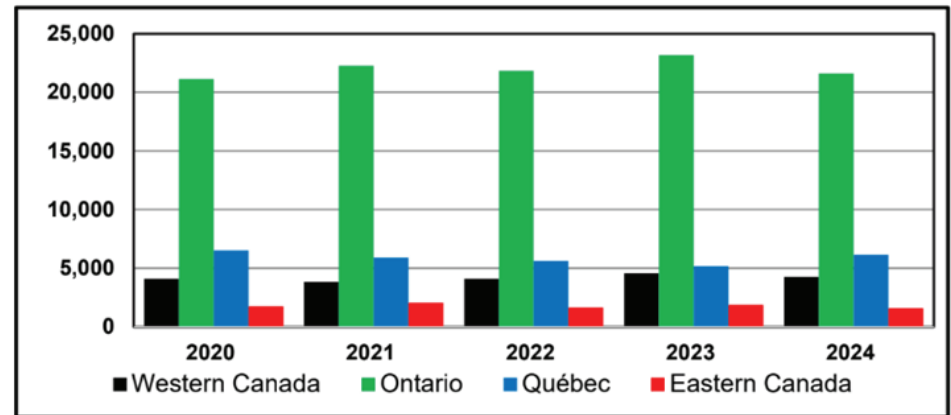
To date, investments have supported research, codes and standards defense, education, advocacy, and government relations, producing key tools such as the **Masonry Design Guideline (2nd Ed.)**, **MASS Design Software**, and research currently ongoing at **17 Canadian universities**.



With a coast-to-coast Canadian membership, we focus on initiatives that support concrete block masonry at a federal level. This includes tools such as an industry average Environmental Product Declaration (EPD), as well as National Building Codes defense and development.

CCMPA - LEVY FUND

Block Sales by Region - 2020 to 2024 (000s)



	2020	2021	2022	2023	2024
Western Canada	4,079	3,848	4,091	4,561	4,263
Ontario	21,141	22,274	21,847	23,179	21,614
Québec	6,521	5,909	5,620	5,171	6,154
Eastern Canada	1,764	2,053	1,639	1,878	1,576
Total	(1) 33,505	34,084	33,197	34,789	33,606

As a testament to the success of collaboration and unity, we have created a stable, carbon accountable concrete block market which is building a stronger Canada for tomorrow.

CCMPA PRODUCERS



Learn more about CCMPA by visiting us online! ccmpa.ca

