



Facts and Figures to Help Build the Foundation for Maryland's Economic Success

2 Cement Plants
3 Cement Terminals
79 Ready Mixed Concrete Plants
17 Concrete Block Plants
21 Precast Concrete and Pipe Plants
293 Concrete Contractors
413 Masonry Contractors

- There are two cement plants in Maryland that currently produce approximately 2,421,000 short tons of cement annually.
- In Maryland, nearly 800 businesses employ over 15,000 Maryland residents in the cement and related industries. This is more than the number of graduate students currently at Johns Hopkins University.
- The amount of ready mixed concrete made by producers in Maryland annually is more than 3 million cubic yards. This is enough concrete to either pave a two lane highway 12 inches thick from Baltimore to Savannah, build 4 Fort McHenry Tunnels or build 7 Pentagons per year.
- The first load of ready mixed concrete was delivered in Baltimore in 1913. The idea that concrete could be mixed at a central plant and delivered by a truck revolutionized the concrete industry.
- The direct annual contribution to Maryland state revenues in 2009 was \$174 million. This is enough to pay for tuition, room and meals for nearly 10,000 University of Maryland students. It is also more than the combined player's salaries of the Baltimore Ravens and the Washington Nationals.

Source: www.cement.org

The Benefits of Concrete Pavements

Concrete Lasts Longer: The durability of concrete pavements minimizes the need for maintenance and maximizes long-term value.

Concrete is Affordable: Concrete pavements have comparable first costs to most pavement alternatives including asphalt.

Concrete Saves Money:

- Concrete pavements can dramatically increase network service life, cutting the amount of yearly repairs and spreading them over time.
- The lower life-cycle cost of concrete pavements ultimately saves taxpayers money.
- Concrete's light color offers natural reflectivity and reduces the amount of power and expenses necessary for illumination at night.

Concrete Means Jobs for Maryland: The concrete industry represents thousands of jobs in Maryland through its use of local raw materials and local construction teams.

Concrete Keeps Money Local: Concrete is typically produced regionally from abundant resources.

Concrete Reduces Waste:

- Concrete pavements can incorporate industrial waste byproducts, which improve pavement longevity, save money, lower energy usage, and reduce the generation of greenhouse gases.
- Concrete can be recycled or reused, even at the end of its long service life.

Concrete is Sustainable:

- Concrete pavements consume minimal materials, energy, and other resources for construction, maintenance, and rehabilitation activities over its lifetime.
- Concrete's light color mitigates the urban heat island effect, reducing smog and promoting better air quality.
- Pervious concrete promotes natural filtration and "treatment" of rainwater.
- Concrete pavements are the most fuel-efficient option for drivers due to its strong, rigid surface.
- Concrete pavements exhibit a lower energy footprint associated with production, delivery and maintenance than asphalt pavements.

Concrete is Safe: Concrete eliminates rutting and allows for better visibility. Since concrete requires maintenance less often, there are fewer chances for a work zone accidents and fatalities.

Concrete is Quiet: Concrete pavements can be constructed to minimize traffic noise without compromising safety.

