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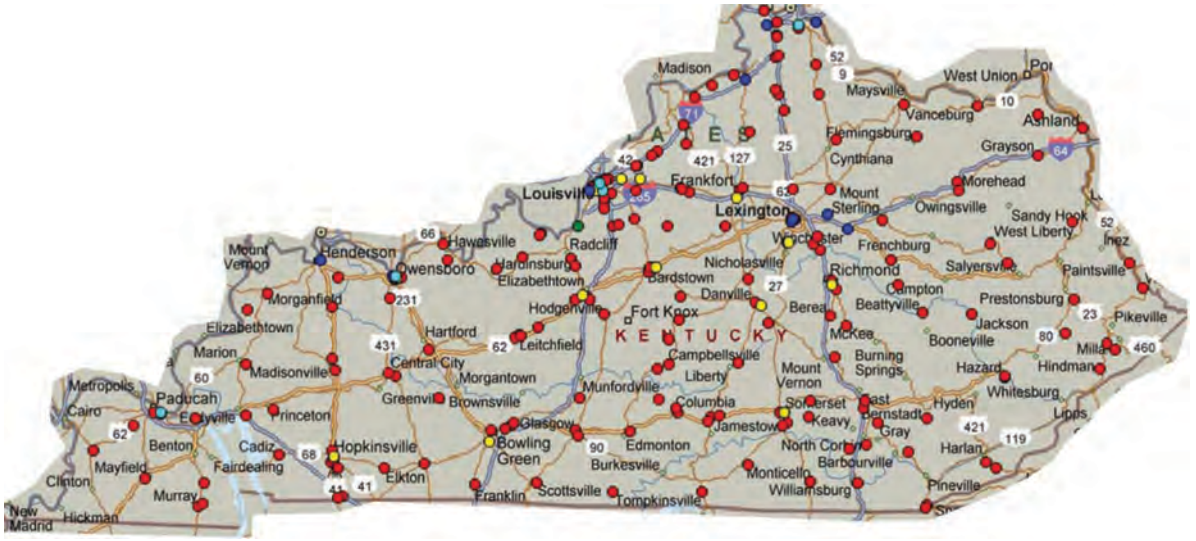
KENTUCKY CONCRETE INDUSTRY



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

188 Ready Mix Plants
14 Block Plants
8 Precast/2 Concrete Pipe Plants
5 Cement Terminals
1 Cement Plant

- Kentucky has 1 cement plant and 212 concrete production facilities (includes ready mix, block, precast and concrete pipe plants), an average of 1.8 facilities for every county in the state.
- The concrete industry directly and indirectly generates nearly 35,000 jobs.
- In 2007, the Concrete Industry made a direct and indirect contribution of $435.6 million to state revenue.
- The Kentucky concrete industry has a $293 million payroll, and generated $634 million in shipments in 2007.
- More than 5.5 million cubic yards of concrete are consumed in Kentucky each year.
- Due to concrete's inherent durability, it is important to Kentucky's sustainable development. Concrete is produced locally, completely recyclable and offers many energy-efficient products (fuel-efficient pavements and energy-saving buildings).

Source: www.cement.org

PCA
Portland Cement Association

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www.integratedpavingsolutions.org

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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 Kentucky: The concrete industry represents thousands of jobs in Kentucky 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.

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