



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

218 Ready Mix Plants	●
12 Cement Terminals	●
2 Cement Plants	●
21 Precast Plants	●
6 Concrete Pipe Plants	●

2010 Economic Data

- There are 218 ready mix plants, an average of more than 2 plants for every county in the state.
- The Tennessee concrete and cement industries directly and indirectly provide 53,000 well-paying jobs in the state.
- In 2007, the cement industry made a direct and indirect contribution of \$508 million to state revenue.
- The ready mix industry has a payroll of nearly \$100 million.
- Due to concrete's inherent durability, it is important to Tennessee'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

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

