

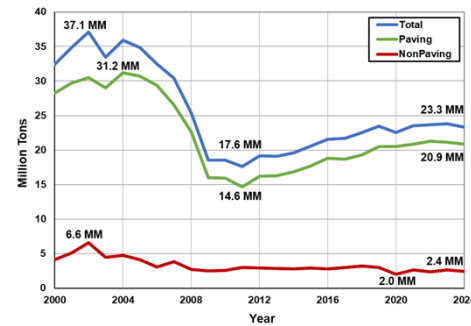
## What Impacts Asphalt Production...



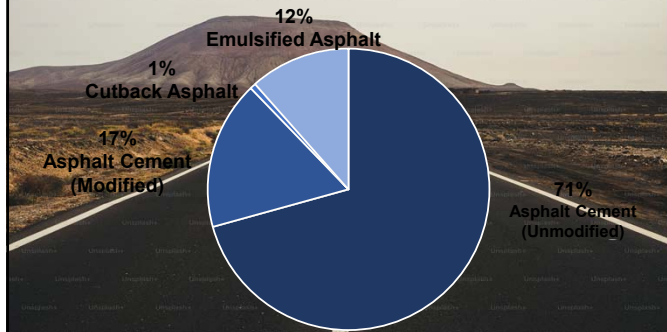
- **Refinery economics**
  - Optimize crude and products
  - Asphalt is 2% of the output
- **Demand from end users**
  - Funding from federal, state, commercial activity
- **Specifications**
  - Mix design
  - RAP / RAS
  - Use of modifiers
- **Public agencies still the largest market**
- **Not a supply issue...**
  - Lots of capacity in the system



## Tonnage History 2000-2024, AI Data



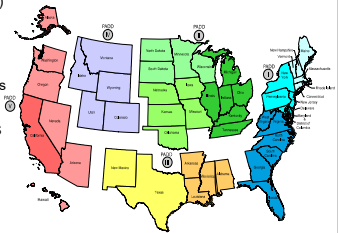
## Asphalt Materials for Paving (US), AI Data



## 2024 Data Highlights



- **AI Data**
  - 23.3 MM Tons reported by AI members (US) (all types)
  - 2.2 MM Tons reported by AI members (Canada) (all types)
  - 5.1 MM Tons imported into US (4.9 MM Tons from Canada)
  - 90% paving vs. 10% non-paving uses in US
- **2024 Trends Compared to 2023**
  - 1.3% decrease in paving tons (US)
  - 13.2 % decrease in paving tons (Canada)
- **Bottom Line: Plenty of Capacity**



*AI members receive the full report annually as part of their Asphalt Institute member benefit.*

### Technical Leadership

3

Professional engineering, research and testing that shapes specifications, standards and public policy.

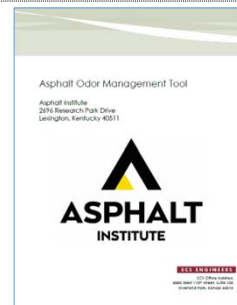
### Educational Expertise

4

Training and publications of the latest advancements in asphalt technology.



## Odor Management Tool

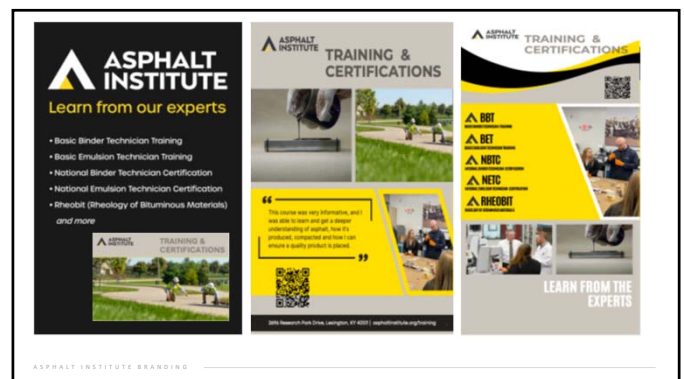
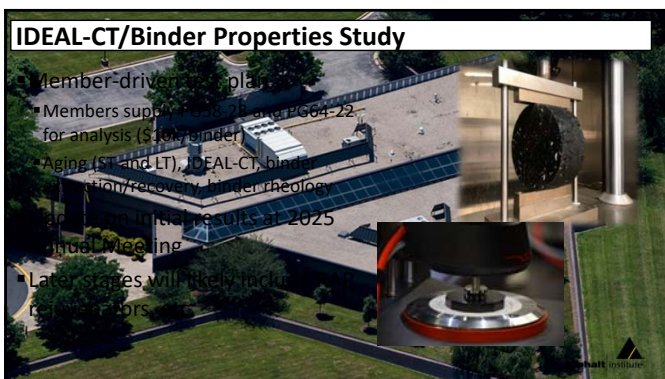
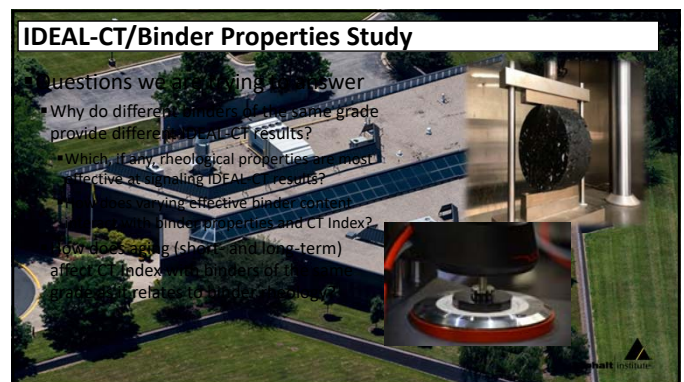
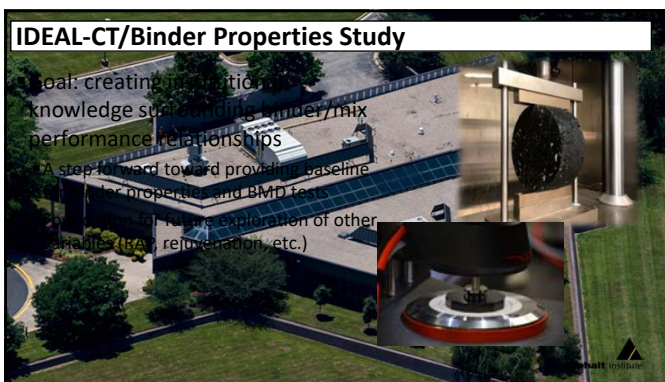
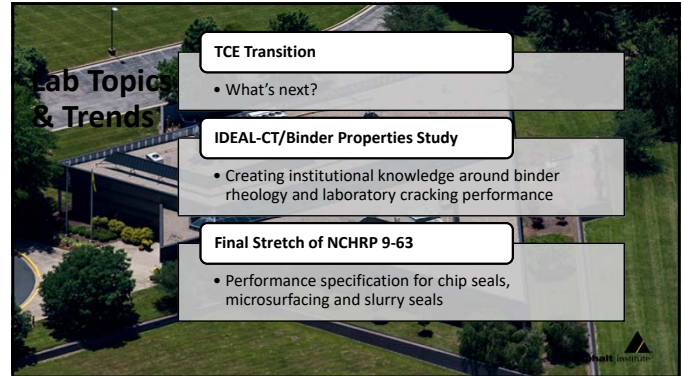


### EXECUTIVE SUMMARY

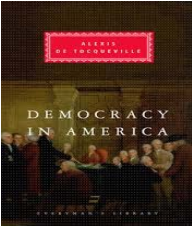
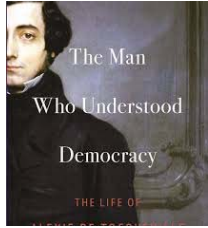

The Asphalt Institute has developed the Asphalt Odor Management Tool to assist its members and others in understanding and managing odors from stationary sources like asphalt roofing shingle plants, hot-mix asphalt plants, terminals, and refineries. The tool does not cover mobile and in situ operations such as road construction and roofing installation.

The document delves into the complexity of odor perception and monitoring, typical odor sources found in the asphalt industry, methods for assessing and controlling odors, and resources for community involvement and outreach.







**The United States in the 1830's**

**The Power of Association**

"As soon as several of the inhabitants of the United States have conceived a sentiment or an idea that they want to produce in the world, they seek each other out; and *when they have found each other, they unite. From then on, they are no longer isolated men, but a power one sees from afar, [a power] whose actions serve as an example; a power that speaks; and [a power] to which one listens.*"

