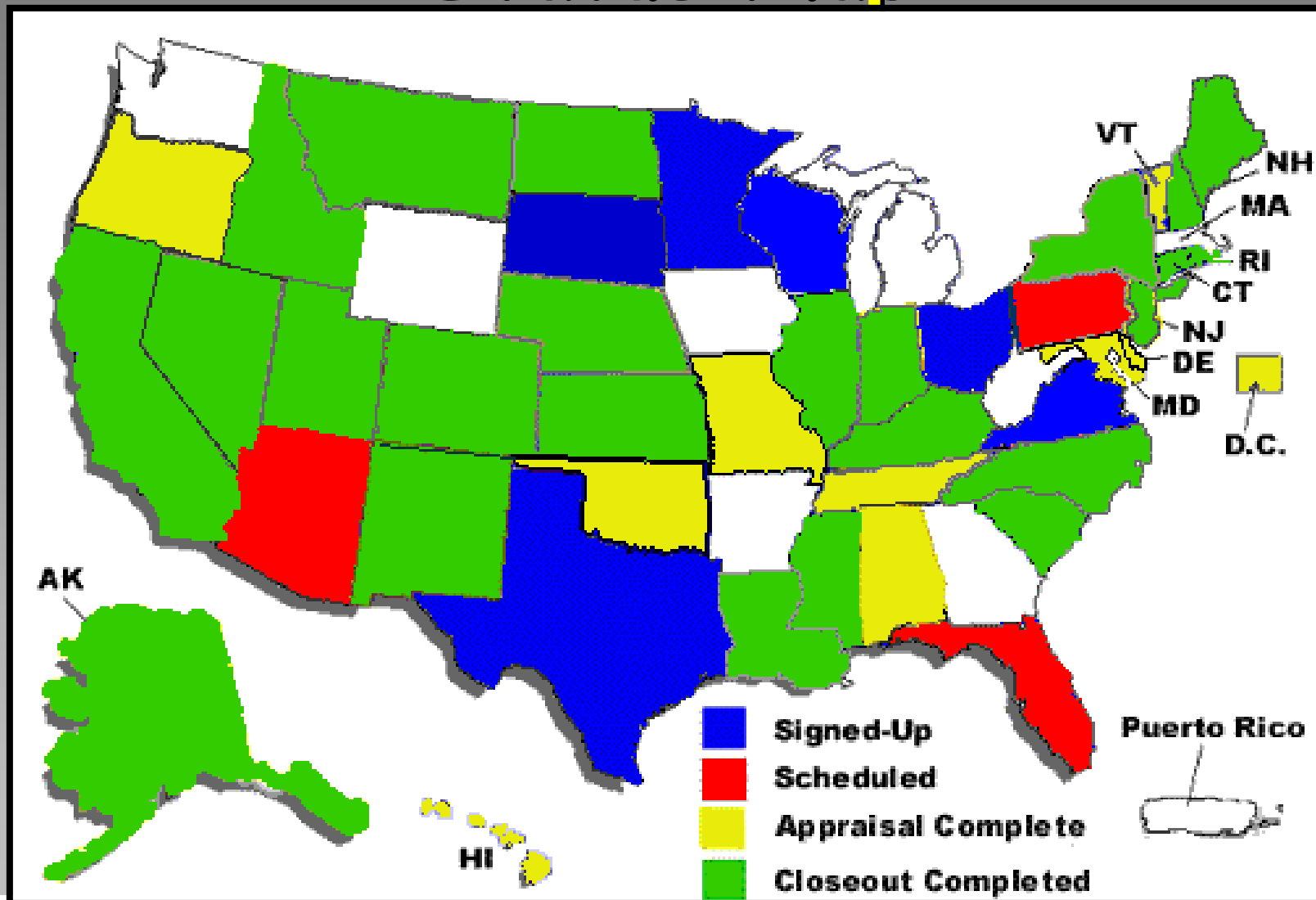


The FHWA Pavement Preservation Technical Appraisal Project

Preliminary Findings

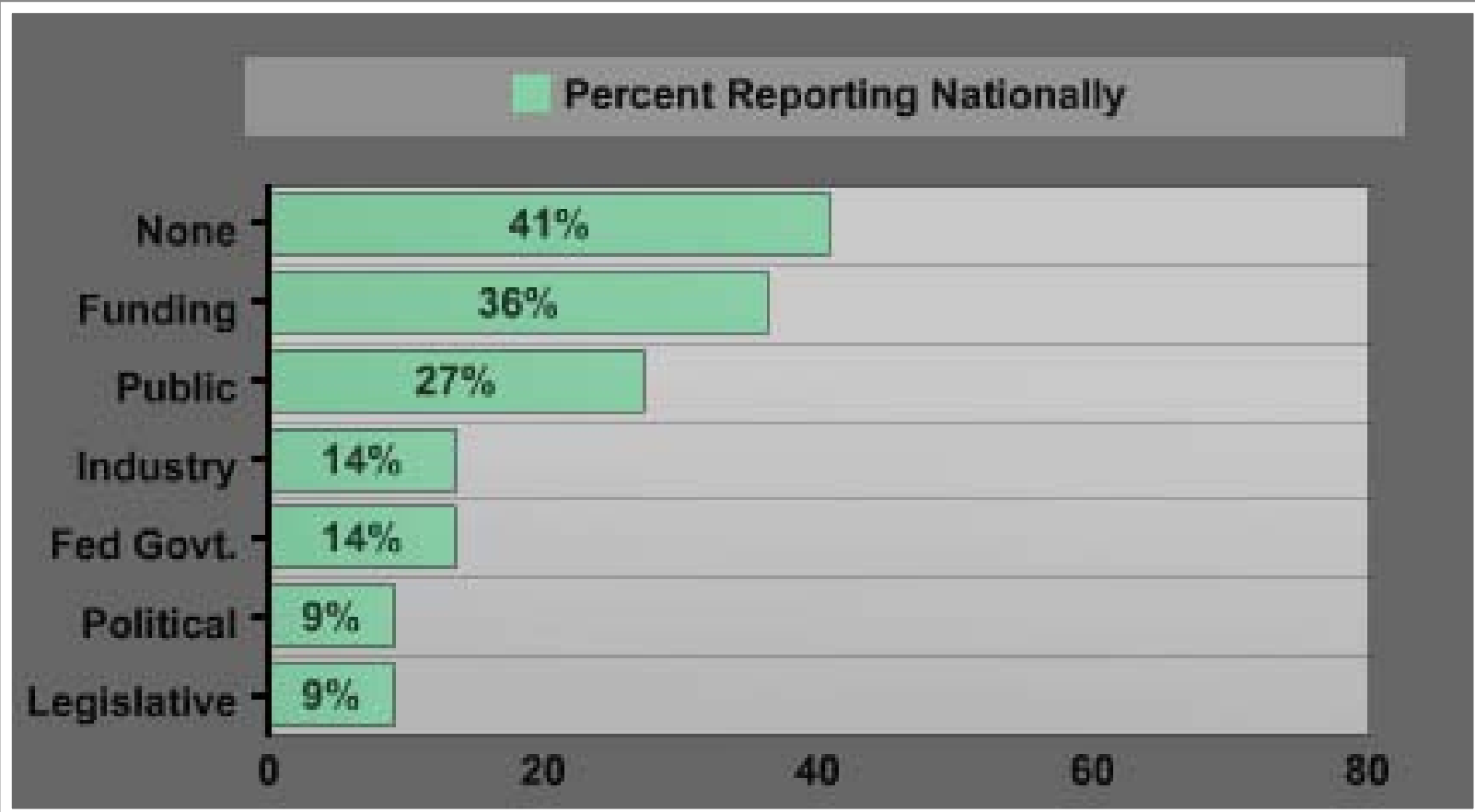
- ✓ Provide State Appraisal Results
- ✓ Identify National Trends
- ✓ Comparisons of State Results to National or Regional Trends

Status Map



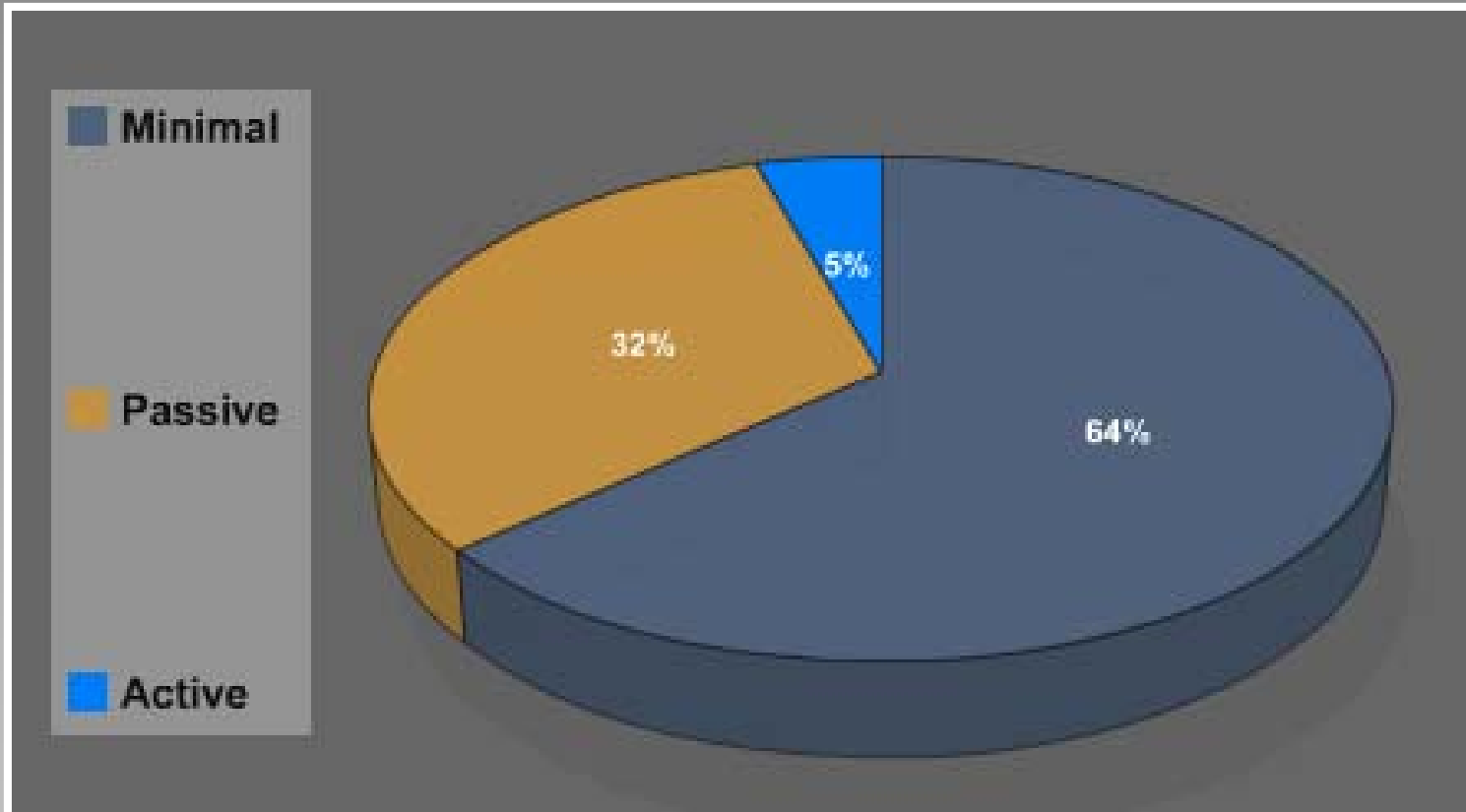
Influences

What factors influenced your agency's decision to create a pavement preservation program?



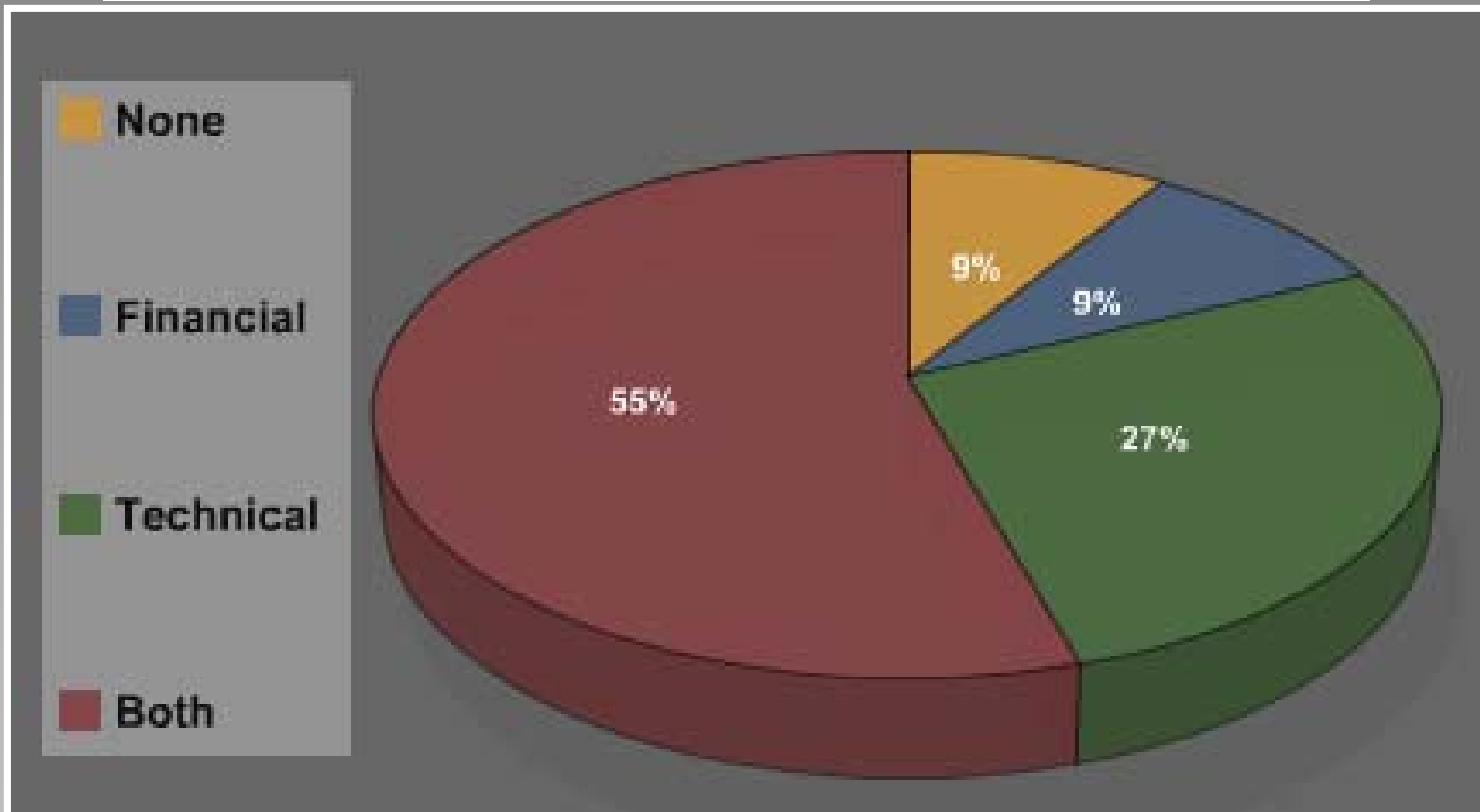
Industry Help

How much help have industry groups, such as the Foundation for Pavement Preservation or other industry associations provided to advance a pavement preservation program?



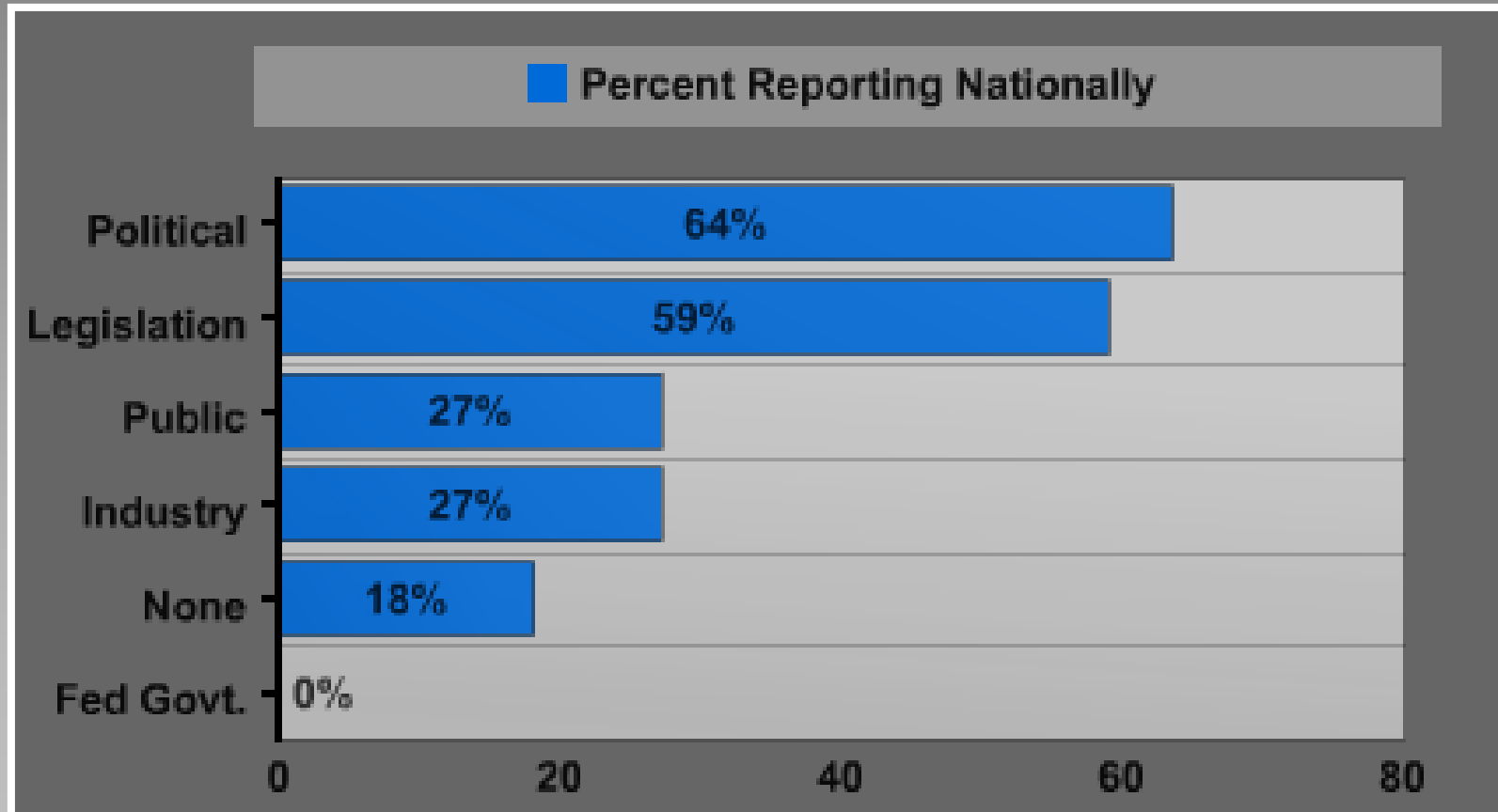
Preservation Assistance

What specific areas of a pavement preservation program are viewed as needing assistance?



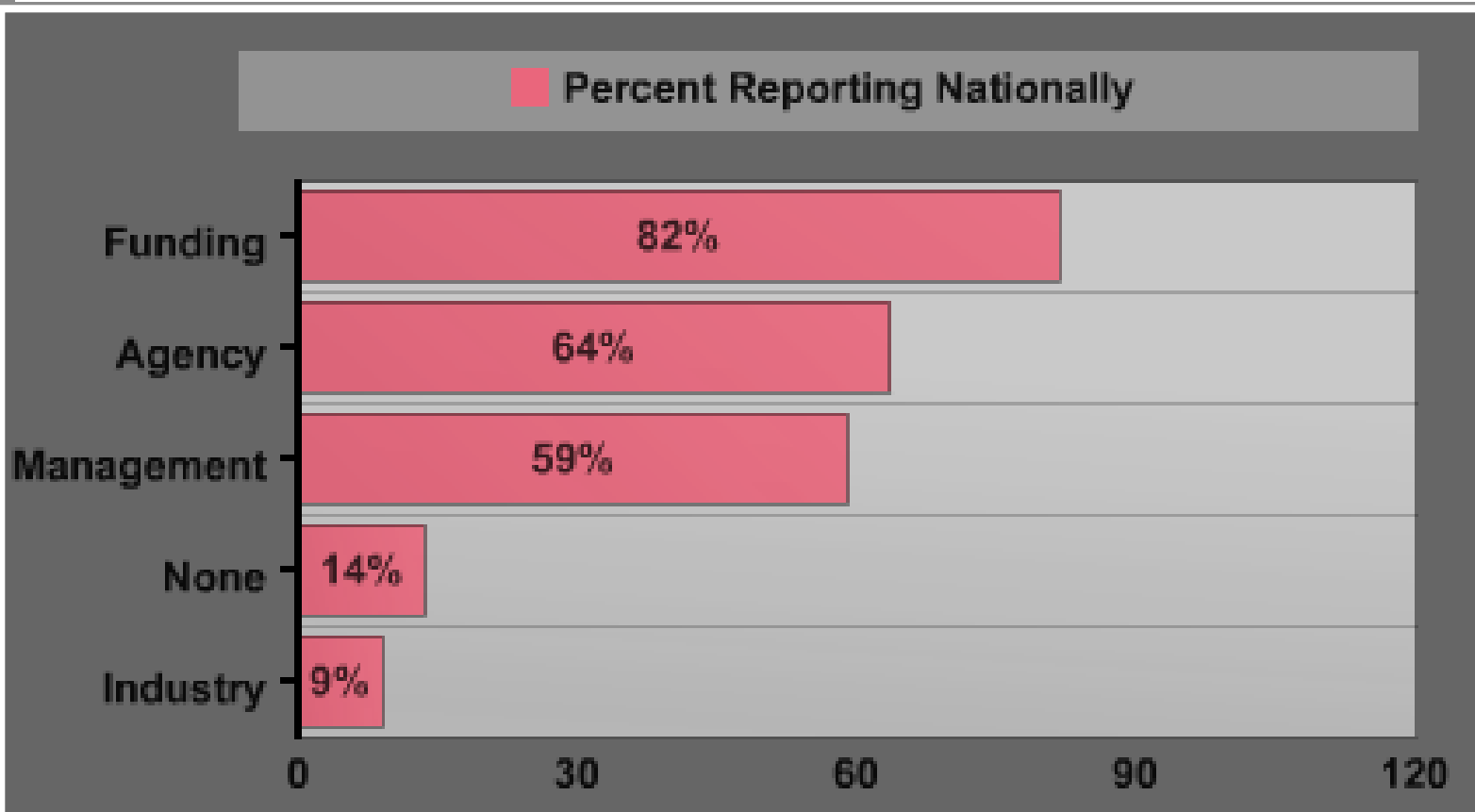
Resistance

What pressures were encountered or are anticipated to forestall the adoption of pavement preservation technologies?



Obstacles

What are the most significant obstacles to implementing a pavement preservation program?



Treatment Toolbox

Treatment	Percent	Treatment	Percent	Treatment	Percent
None	9	Flush Seals	0	Polymer Surface Treatments	9
Cape Seals	9	Fog Seals	23	Rejuvenators	14
Chip Seals	82	Full Depth Repair	32	Scrub Seals	5
Corner Break Repair	0	Joint Sealing	46	Slab Replacement	5
Crack Filling	55	Microsurfacing	68	Slurry Seals	32
Crack Sealing	59	Mill & Resurfacing	36	Spall Repair	9
Diamond Grinding	50	HMA Overlays	86	Surface CIR Recycling	18
Dowel Bar Retrofits	36	Partial Depth Repair	23	Surface HIR Recycling	32
Other	46	Hotchipseal	9		

Greatest Potential for Success

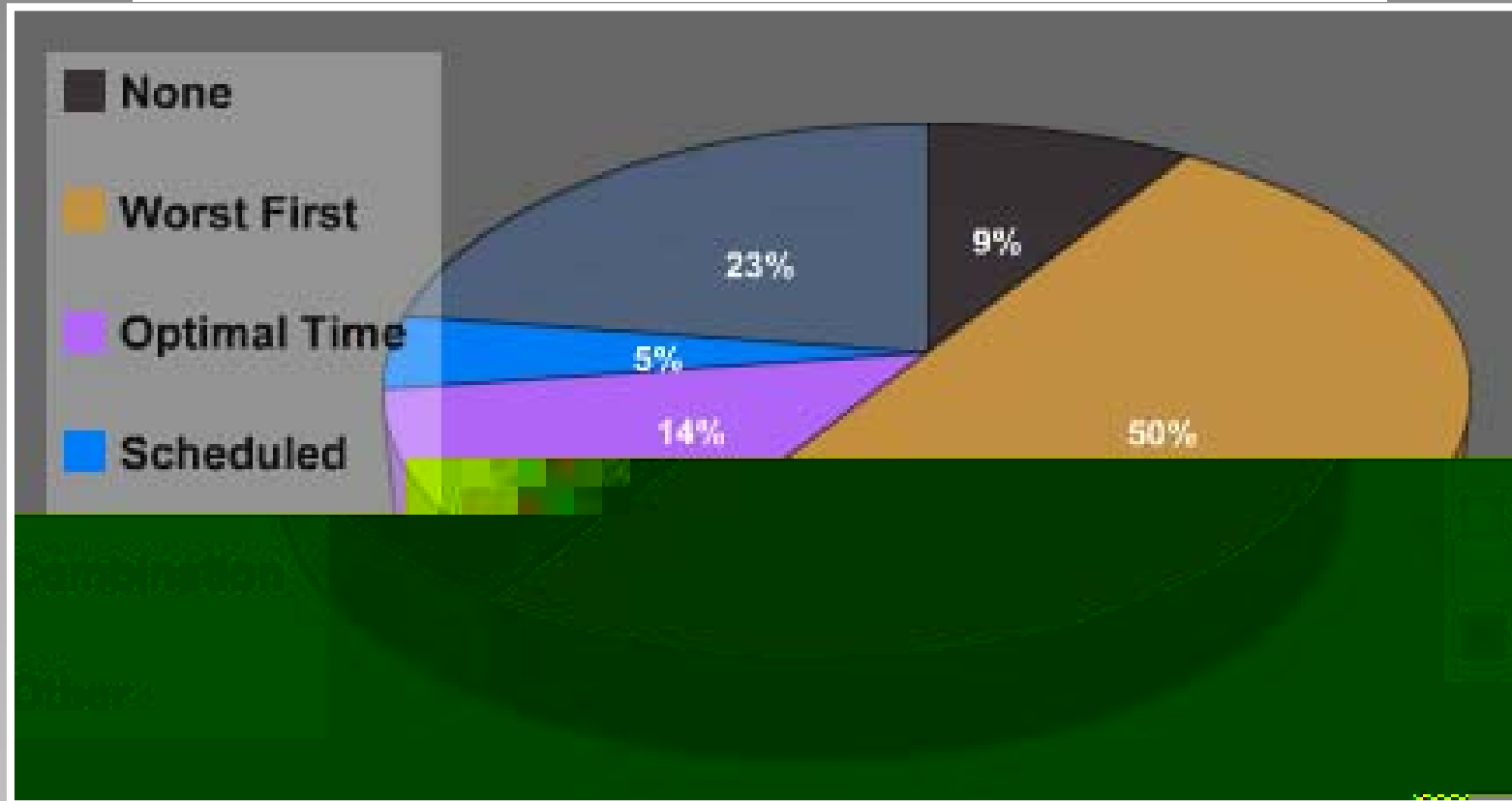
Treatment	Percent	Treatment	Percent	Treatment	Percent
None	27	Flush Seals	0	Polymer Surface Treatments	0
Cape Seals	0	Fog Seals	0	Rejuvenators	0
Chip Seals	36	Full Depth Repair	0	Scrub Seals	0
Corner Break Repair	0	Joint Sealing	0	Slab Replacement	0
Crack Filling	14	Microsurfacing	0	Slurry Seals	0
Crack Sealing	5	Mill & Resurfacing	0	Spall Repair	0
Diamond Grinding	0	HMA Overlays	14	Surface CIR Recycling	0
Dowel Bar Retrofits	0	Partial Depth Repair	0	Surface HIR Recycling	0
Other	5	Hotchipseal	0		

Greatest Potential for Failure

Treatment	Percent	Treatment	Percent	Treatment	Percent
None	14	Flush Seals	0	Polymer Surface Treatments	0
Cape Seals	0	Fog Seals	5	Rejuvenators	0
Chip Seals	41	Full Depth Repair	0	Scrub Seals	0
Corner Break Repair	0	Joint Sealing	0	Slab Replacement	0
Crack Filling	9	Microsurfacing	18	Slurry Seals	0
Crack Sealing	0	Mill & Resurfacing	0	Spall Repair	0
Diamond Grinding	0	HMA Overlays	0	Surface CIR Recycling	0
Dowel Bar Retrofits	0	Partial Depth Repair	5	Surface HIR Recycling	5
Other	5	Hotchip	0		

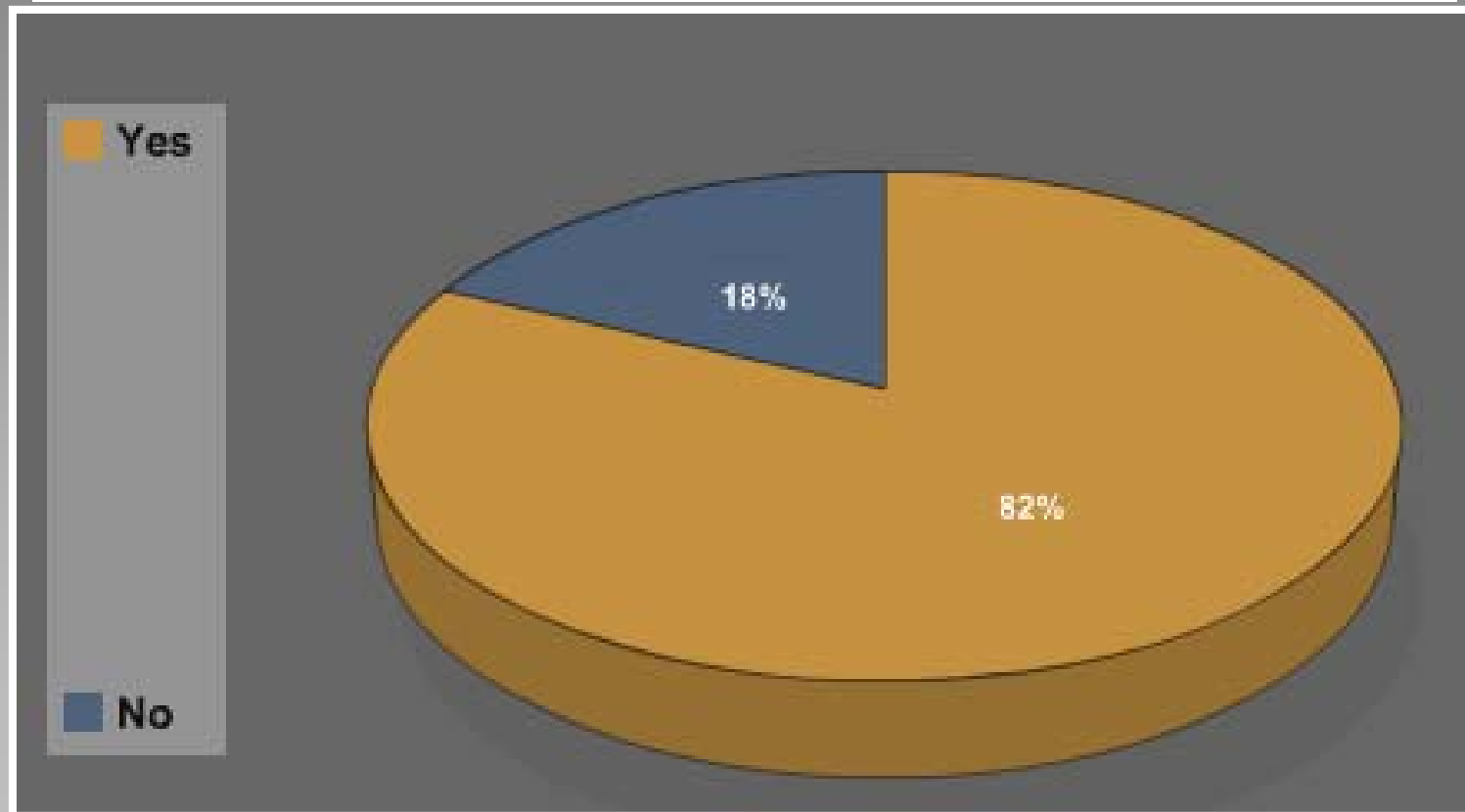
Project Selection

How does the agency prioritize the projects for the pavement preservation projects?



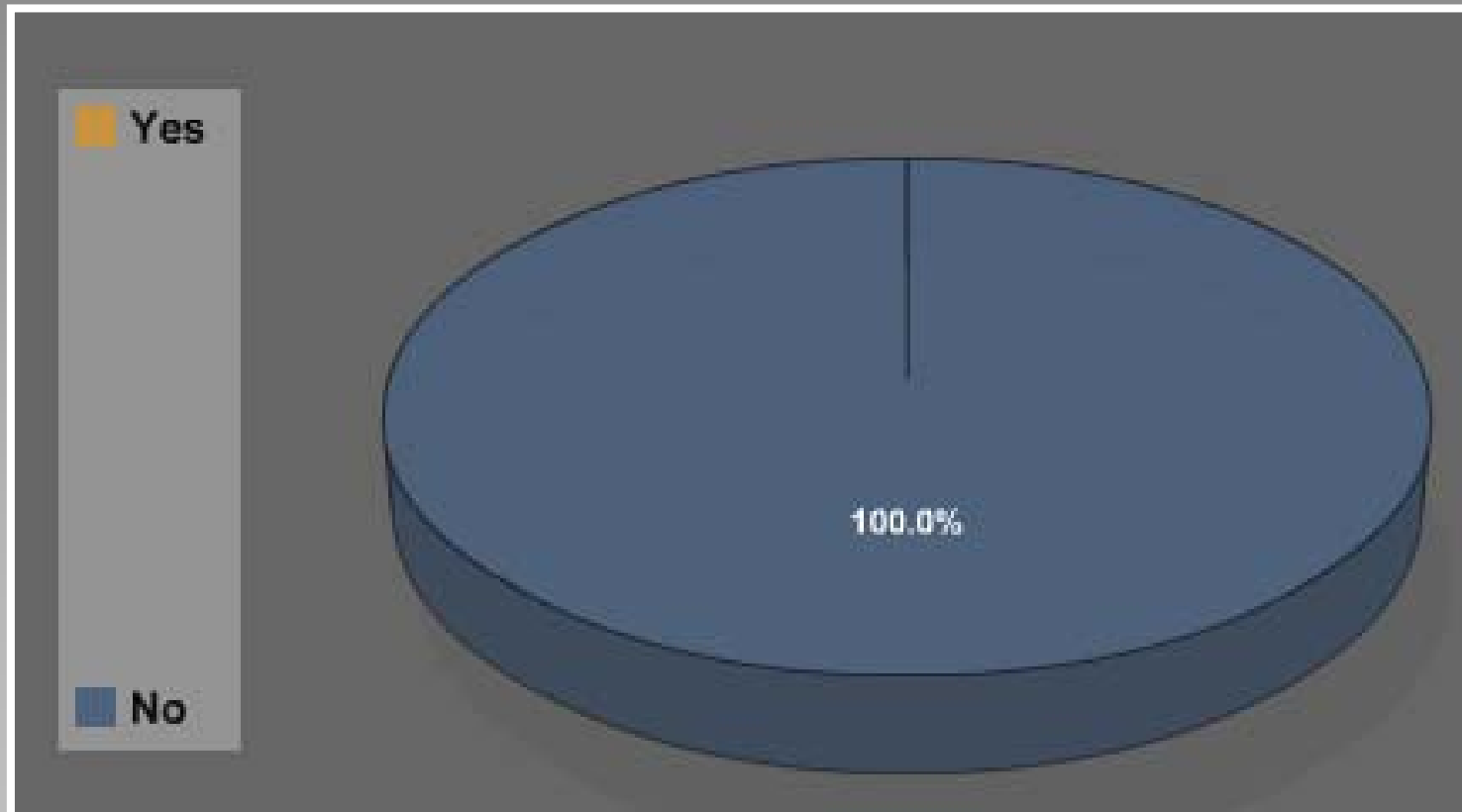
Traffic Volumes

Have traffic volumes influenced the selection of certain pavement preservation treatments?



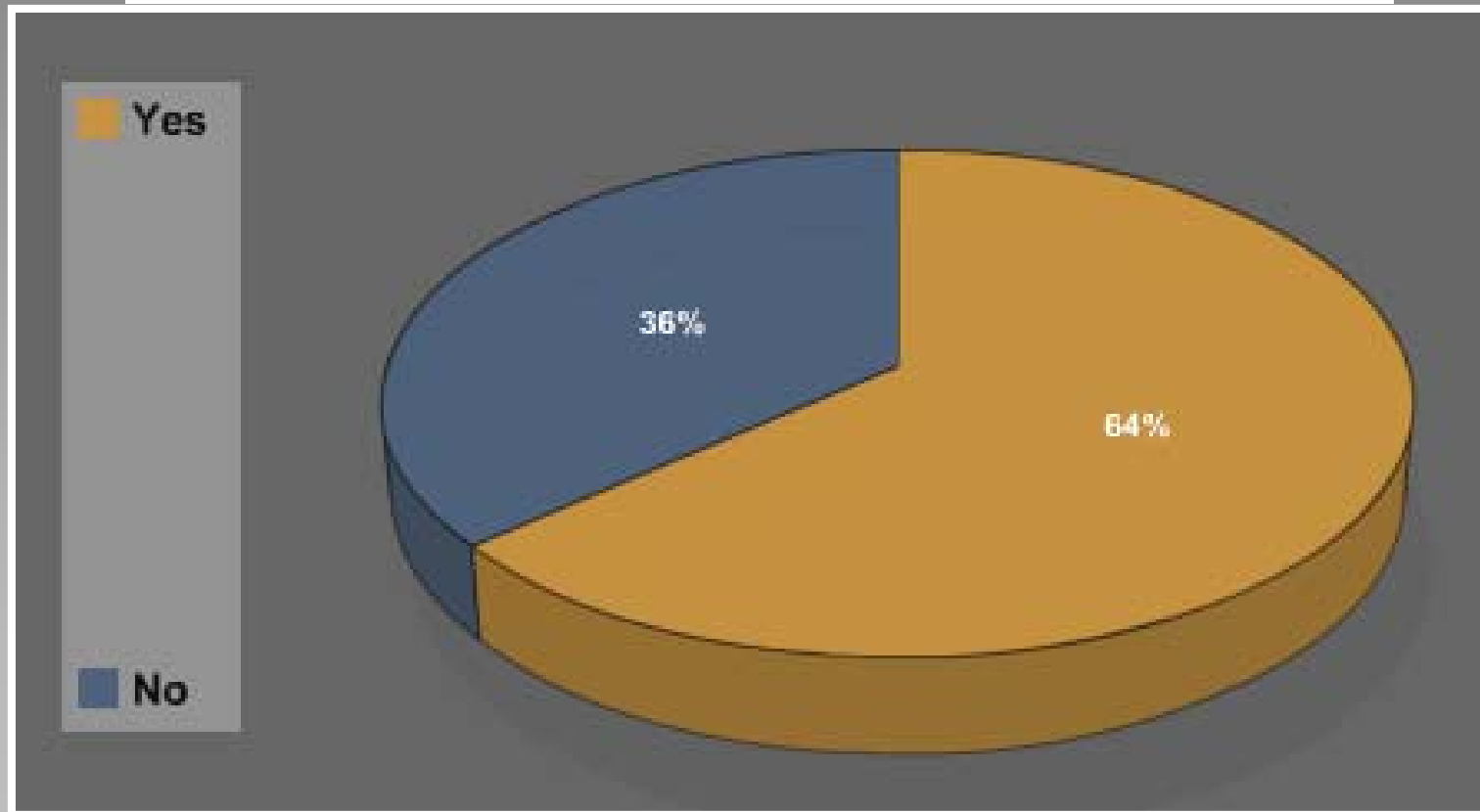
Tracking Performance

Does the agency track the performance of constructed and rehabilitated projects assure that anticipated pavement life expectancies are met?



Quality Contractor Availability

Has the agency experience difficulty attracting quality contractors for preservation work?



Interim Findings

- A recognized need for pavement preservation
- Many agencies in early stage of a preservation program
- Poor experiences with many treatments
- Limited contractor base
- Limited suite of treatments in “toolbox”
- Great need for training and certification.

Interim Findings

(continued)

- Lack preservation program funding
- Internal resistance to change
- Need to expand public education/awareness
- Better tracking and PMS integration needed
- Need for greater FHWA Division support
- “Worst First” project selection paradigm