



2025 PROCESS SURVEY RESULTS

PURPOSE OF PROCESS SURVEY

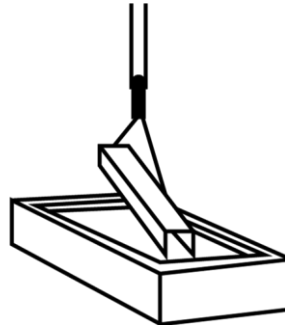
- ▶ Help AGA members understand where the galvanizing industry has been, where it's headed, and where there are opportunities for improvement
- ▶ Evaluate overall efficiency and productivity of our industry
- ▶ Update industry average production metrics used in AGA training courses

3-YEAR SURVEY CYCLE



Year A Productivity & Emissions

- Natural gas & Elec use (galv facility only)
- lbs Dross generated
- lbs Skimmings generated
- Zinc consumption rate %
- Spin Work & Spin Equipment
- Incident rates: IR & DART



Year B Processing Trends

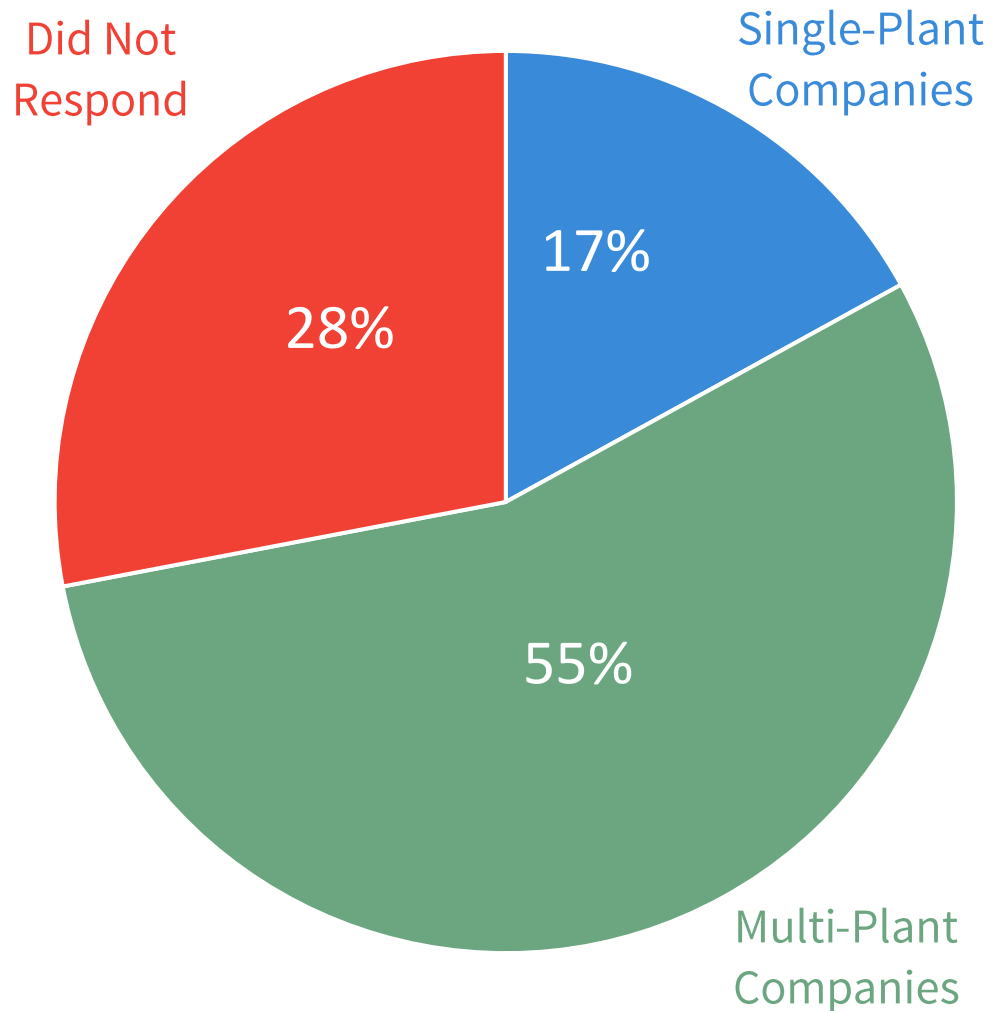
- Degreasing & acid types
- Zinc type & bath additives
- HDG Repair
- Quenching types and methods
- Incident rates: IR & DART



Year C Energy/Waste Optimization

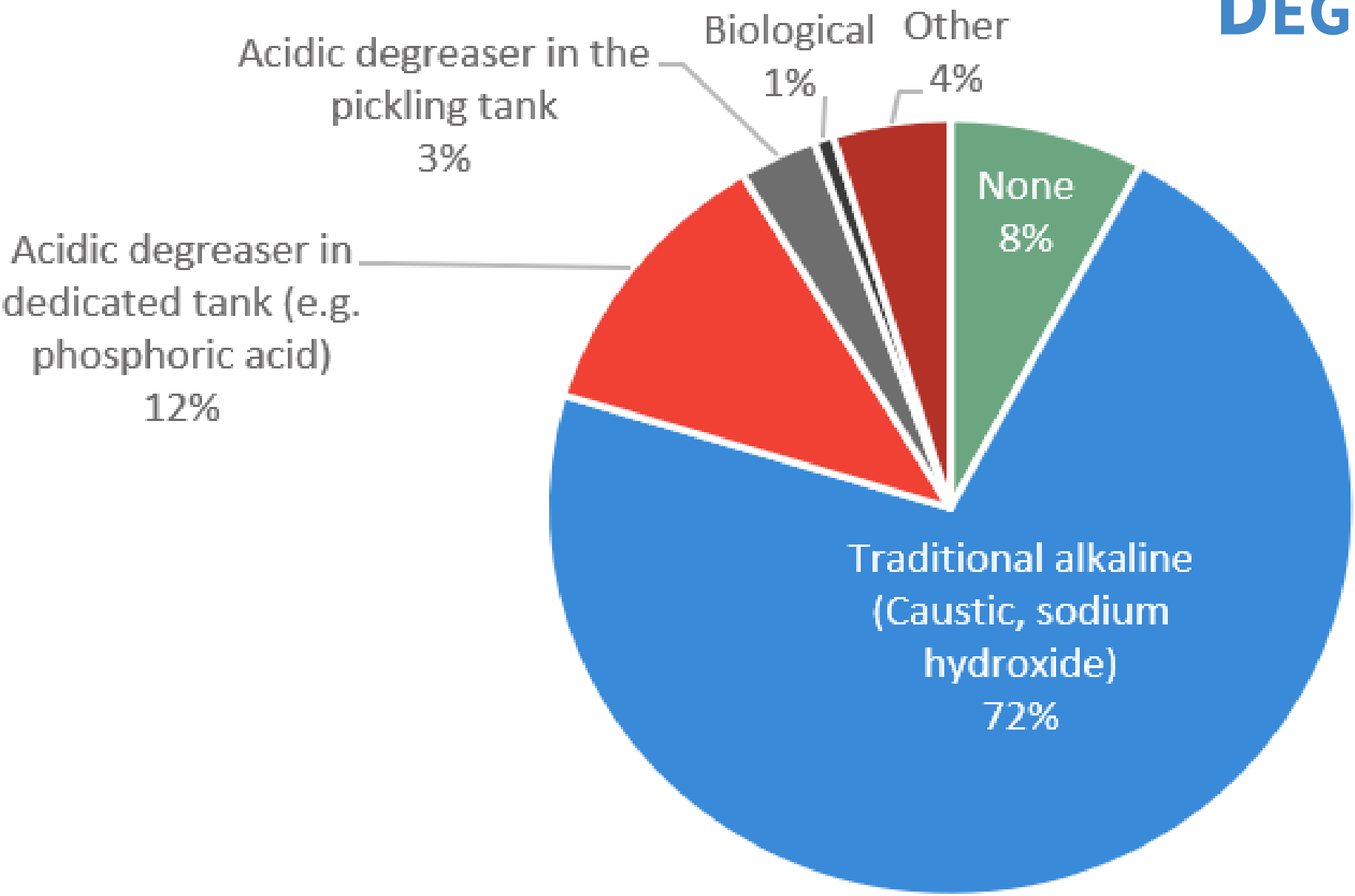
- Equipment list (baghouse, etc.)
- Environmental monitoring
- Pretreatment methods
- Acid regen units
- Waste Minimization practices
- Energy conservation practices
- Incident rates: IR & DART

RECORD SETTING PARTICIPATION

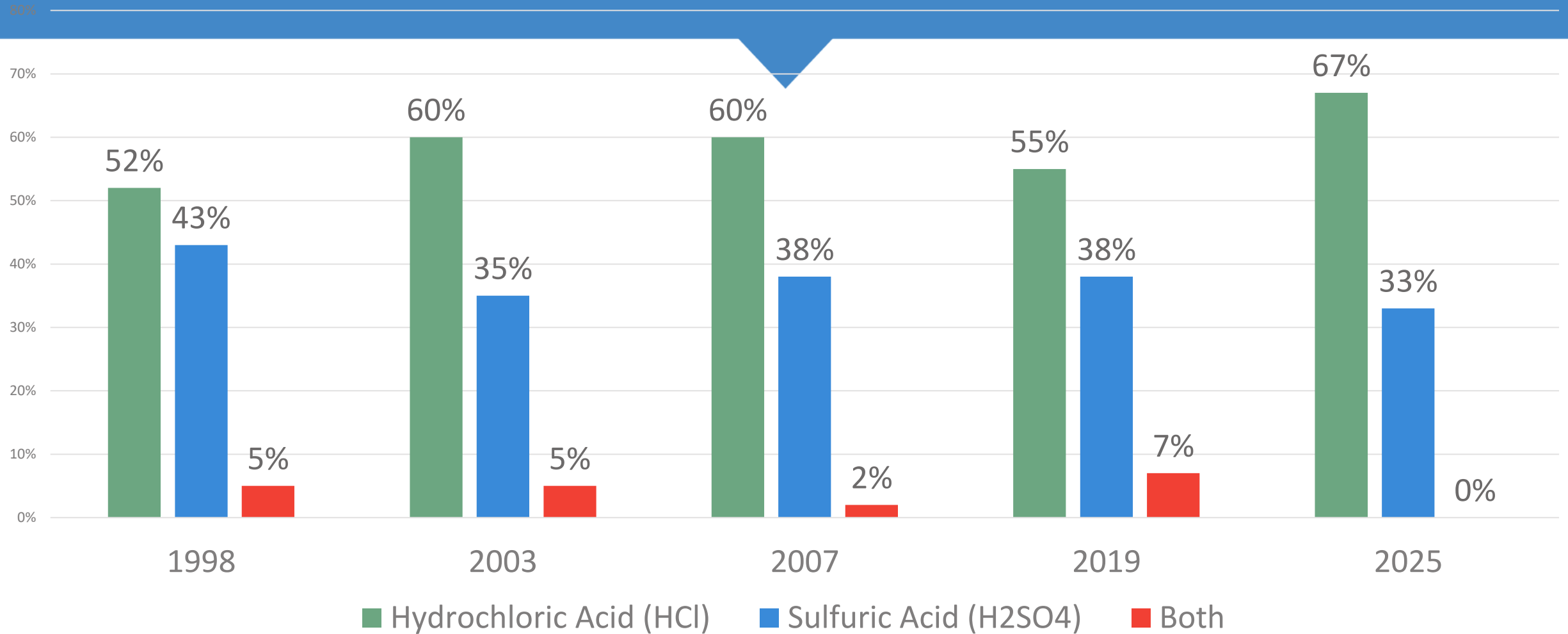


- ▶ 175 Total member-galvanizer plants surveyed
- ▶ 126 Galvanizing plants covered in responses – mostly from multi-plant galvanizers
- ▶ 72% Total Response Rate
- ▶ If you did not respond, let us know if or how we can make it easier next time.

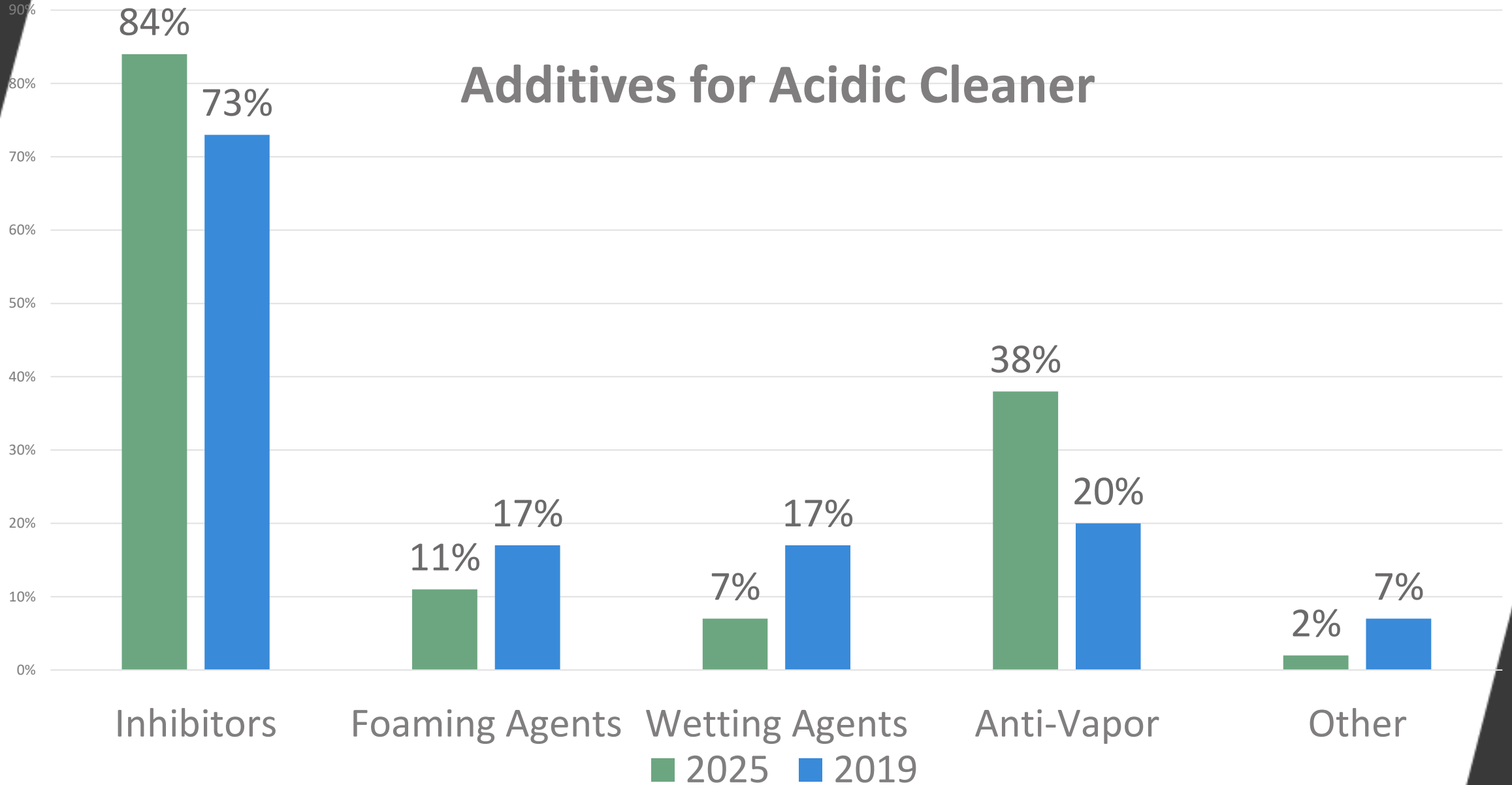
DEGREASING



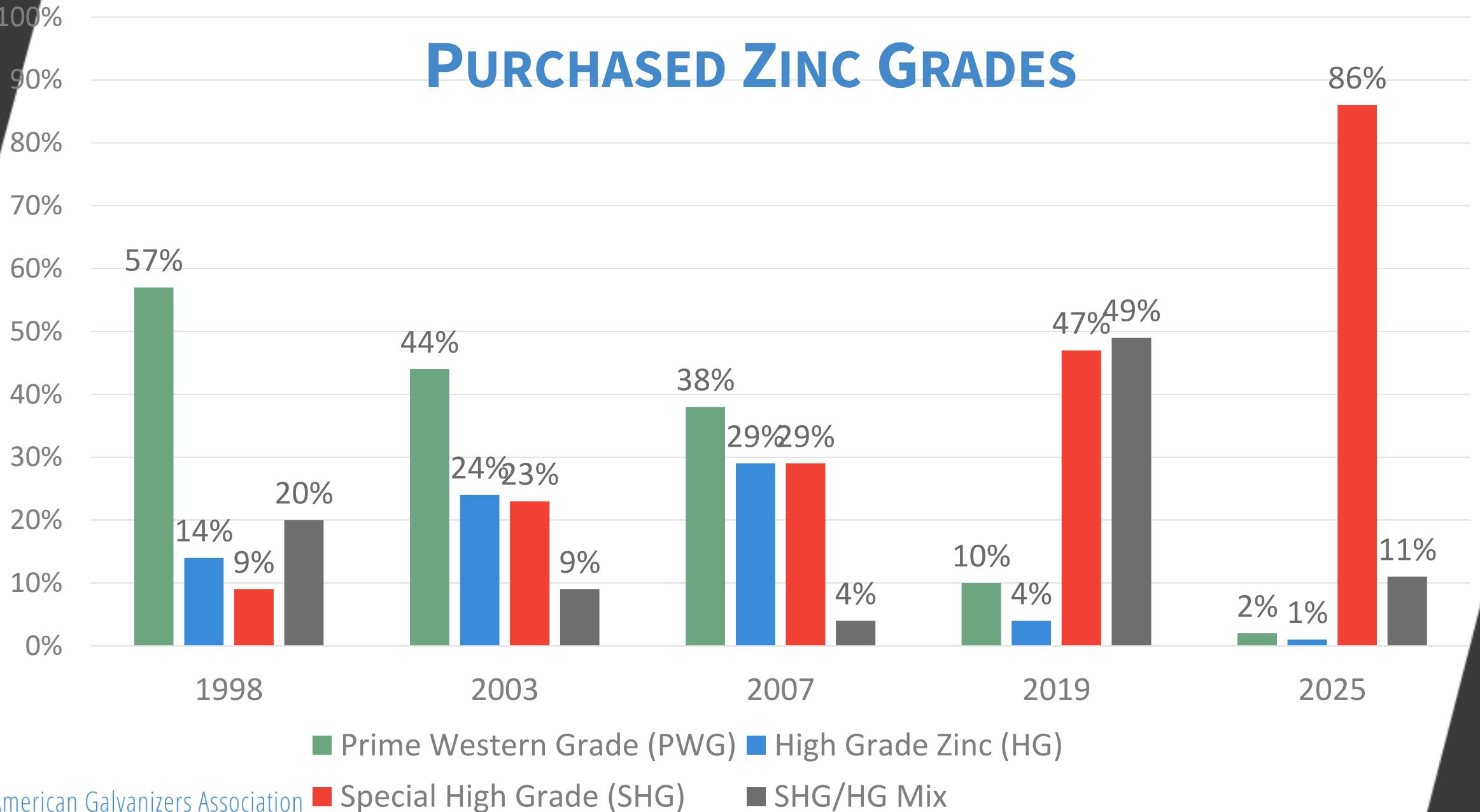
ACID CLEANING



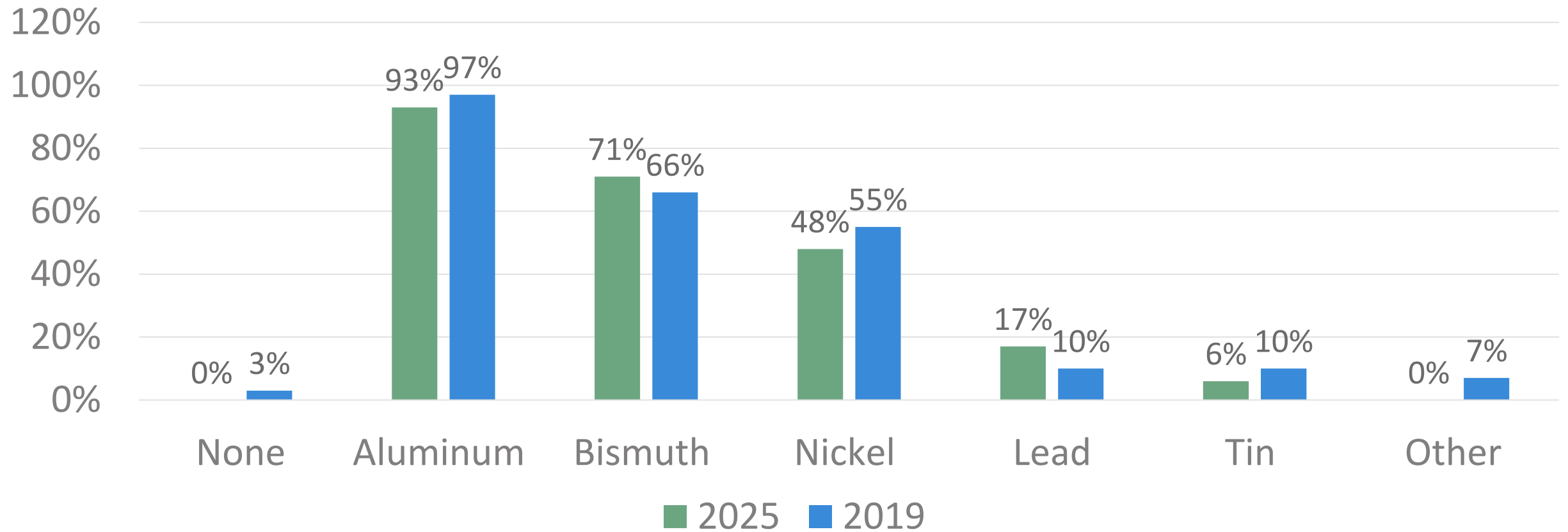
Additives for Acidic Cleaner



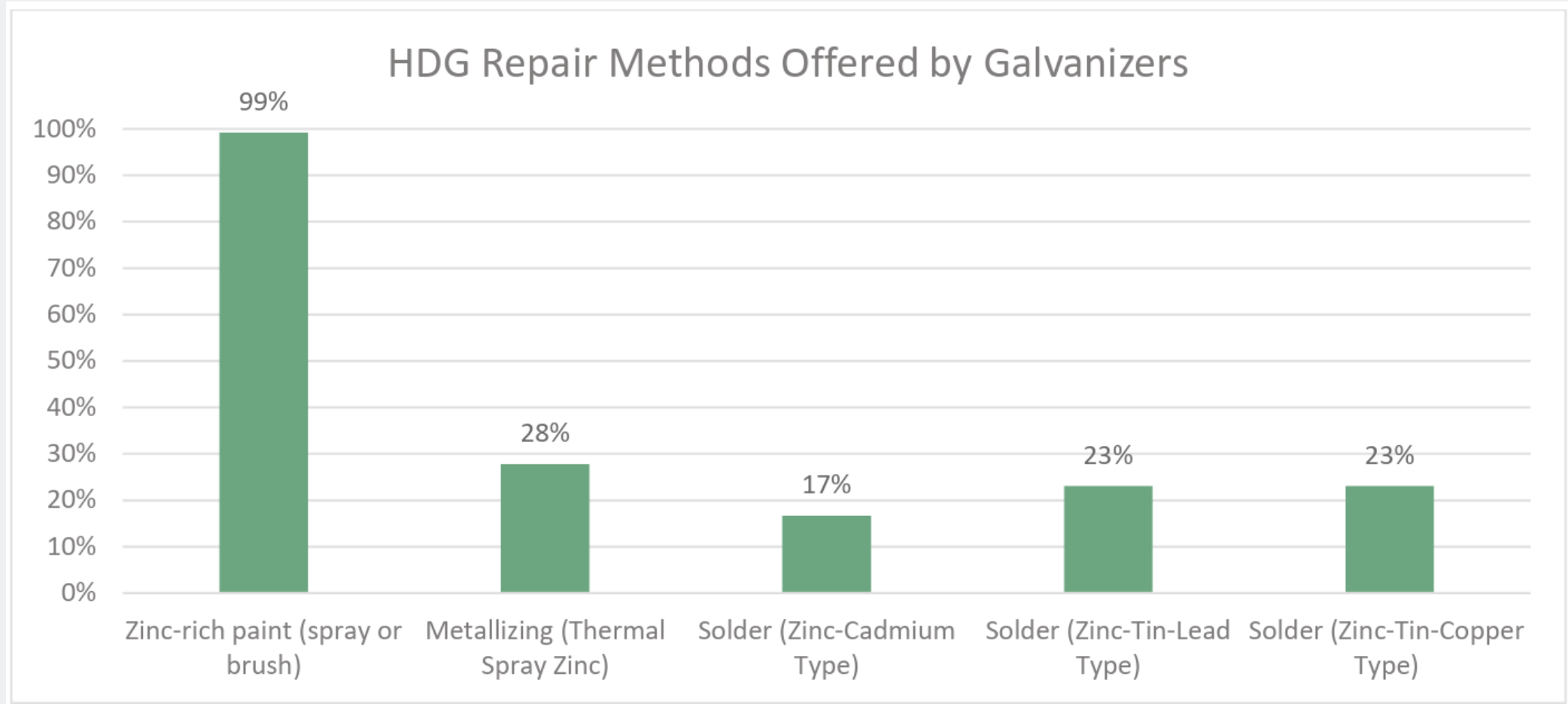
PURCHASED ZINC GRADES



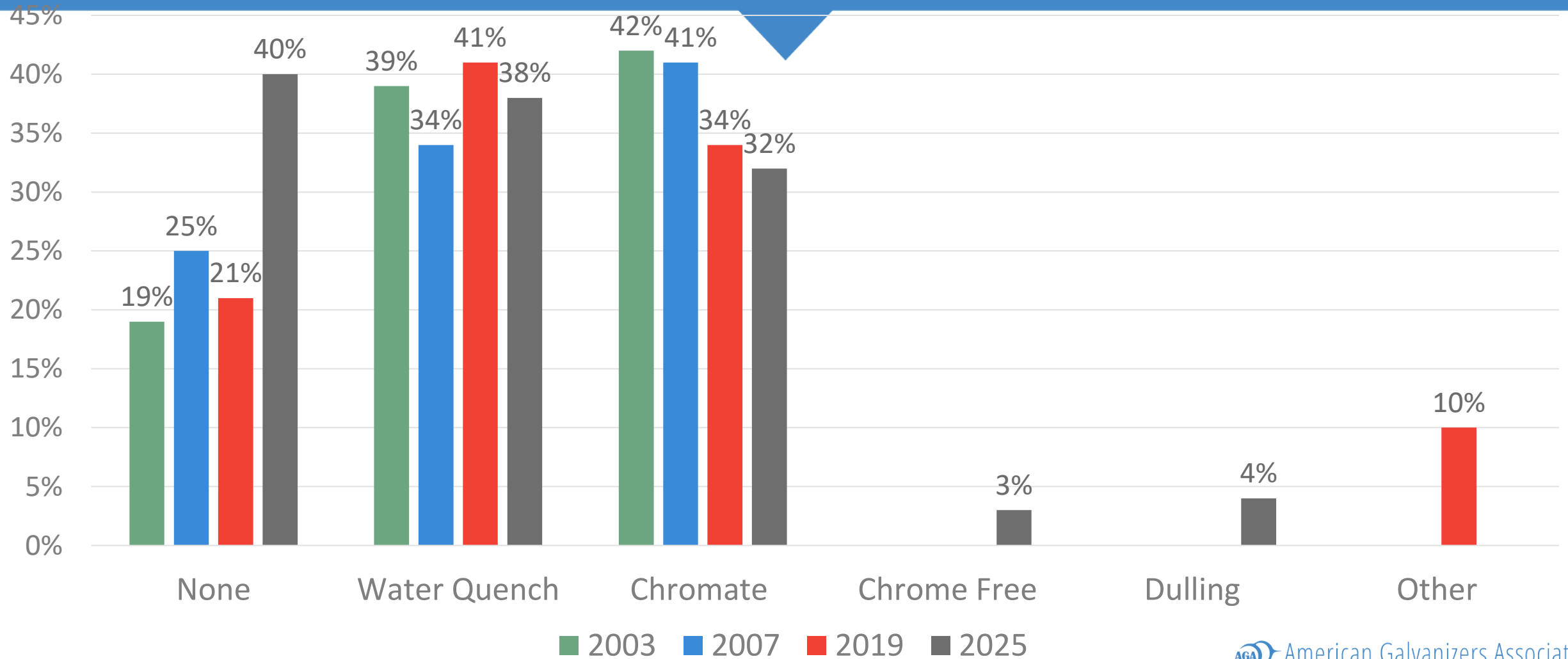
ADDITIONS TO THE ZINC BATH



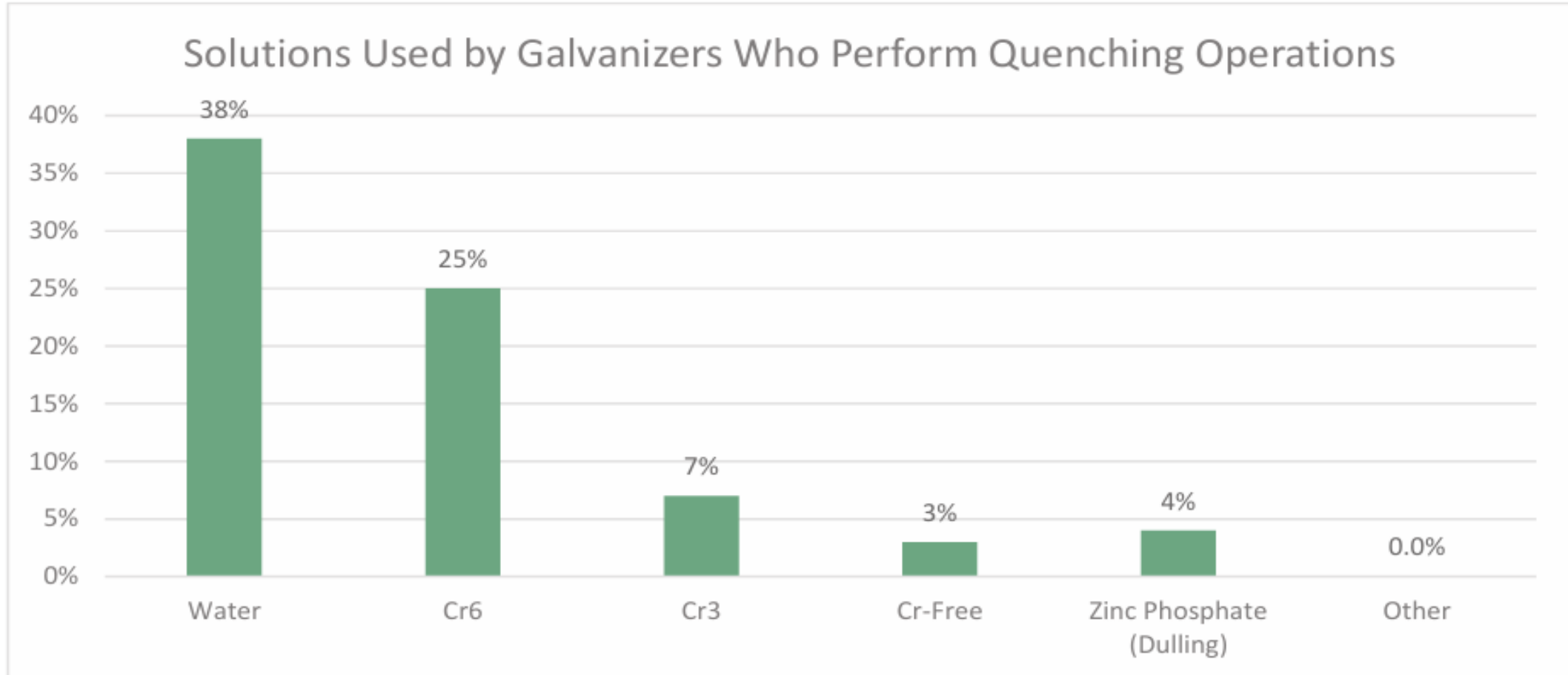
HDG REPAIR MATERIALS



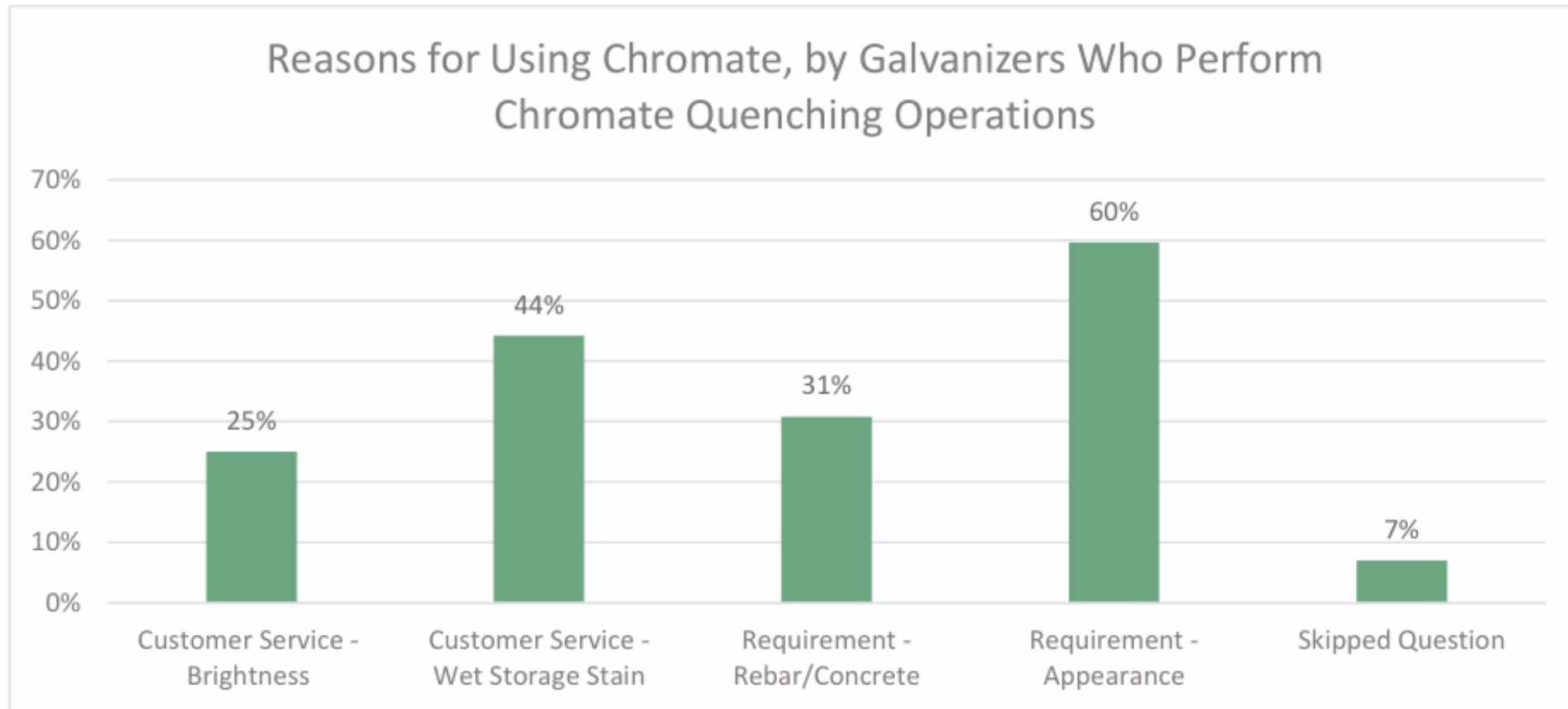
HISTORIC USE OF COOLING METHODS BY N. AMERICAN HDG FACILITIES



QUENCH SOLUTIONS (USED)



REASONS WHY GALVANIZERS USE CHROMATE



FINAL NOTES

- ▶ Past survey & Annual injury rate data available here:
galvanizeit.org/members/technical-resources/process-surveys
- ▶ Next year is sustainable practices – Look for it next February
- ▶ Any Questions?