

Market Trends in Single-Use

By

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CEO, Aspen Media / Publisher, Aspen Alert

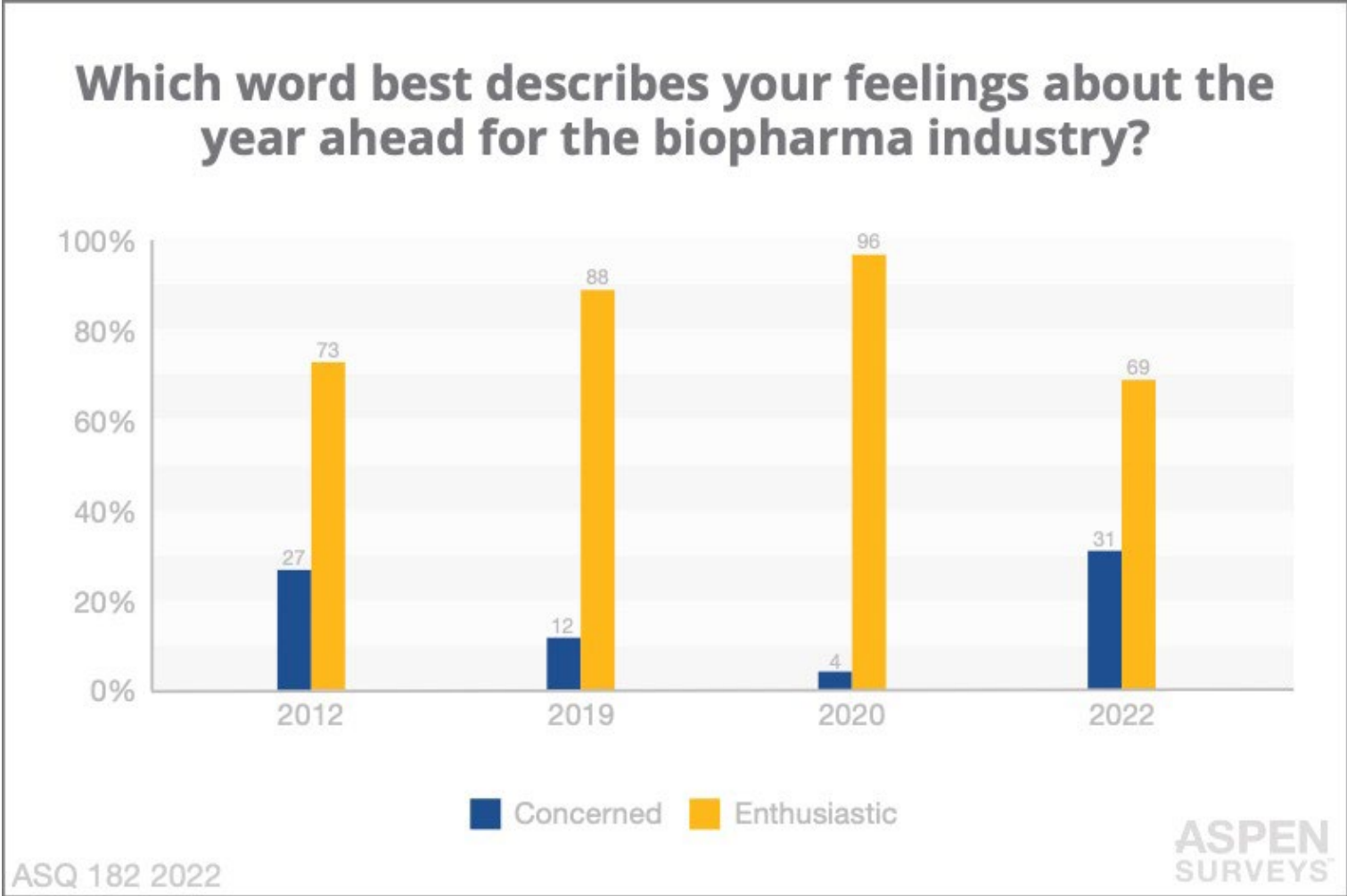


Introduction

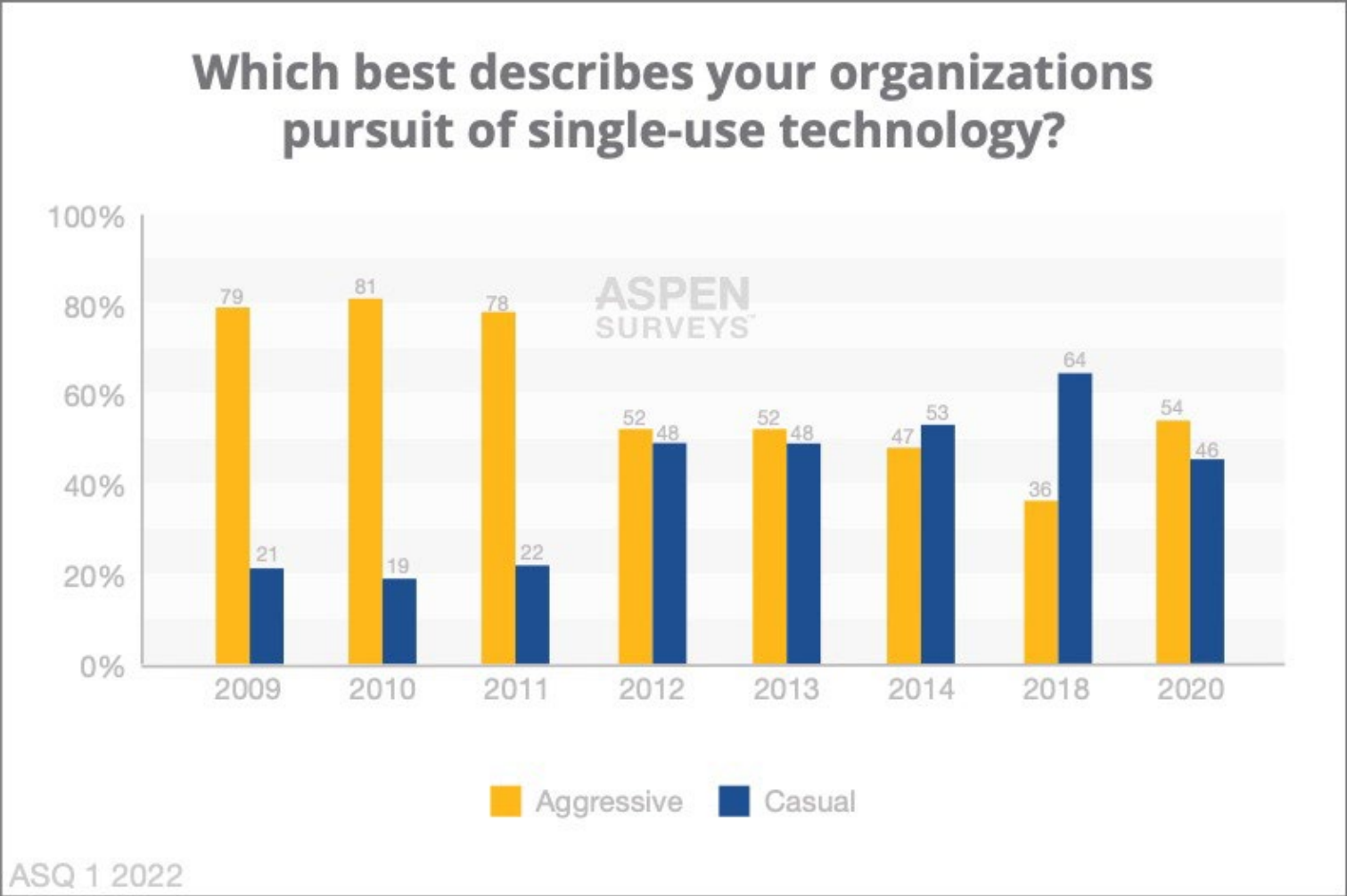
- Aspen Alert
 - Complimentary digital newsletter delivering News, Knowledge, Information, Insights and more
 - Distributed daily to an opt-in audience of 50,000+ subscribing biotechnology and bioprocessing professionals
- Aspen Survey Questions (ASQs)
 - Introduced in 2009, debuted w/ Single-Use questions (Currently 200+)
 - Roughly 1,000 individual questions asked to date
 - 20,000+ participant responses collected



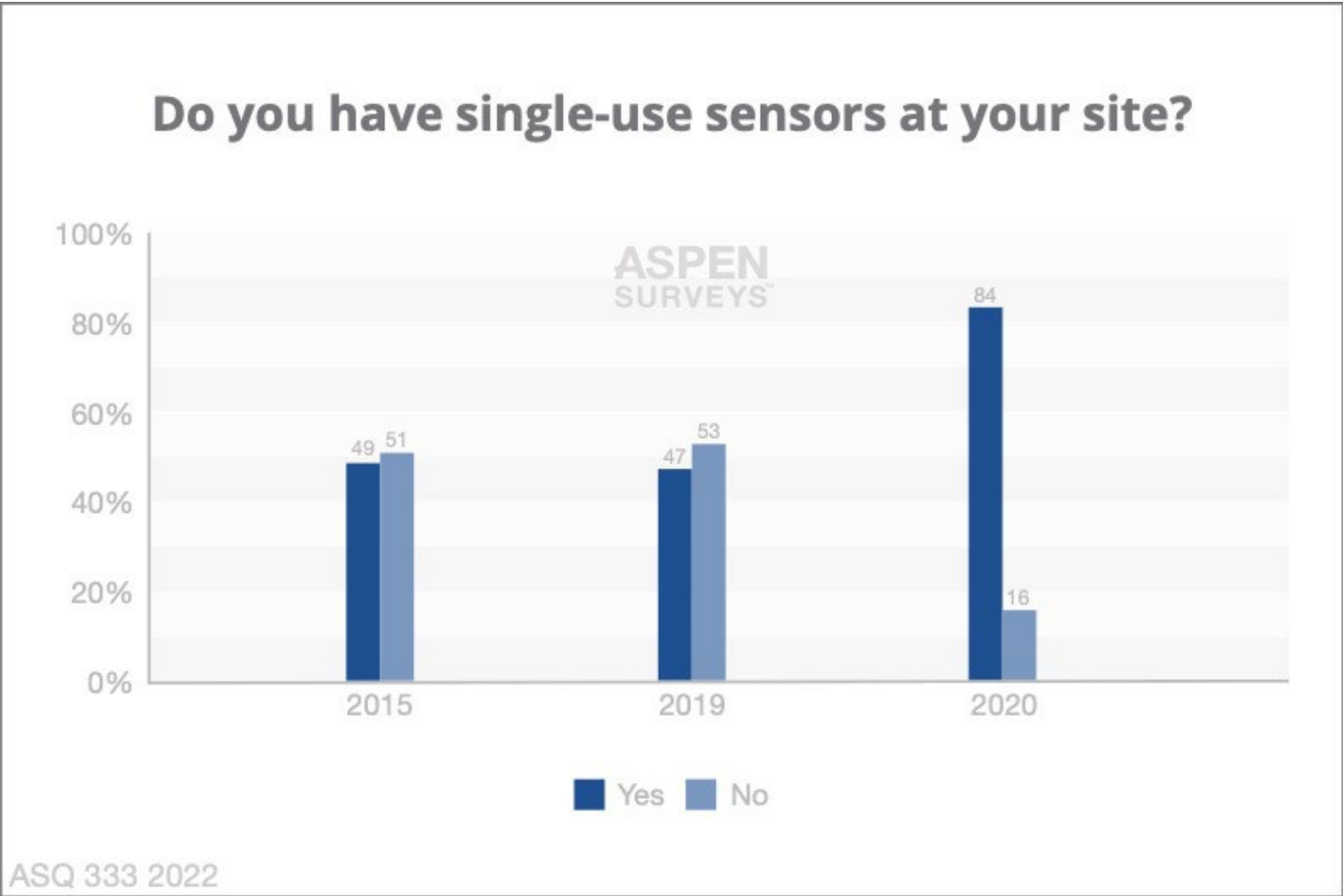
Market Overview



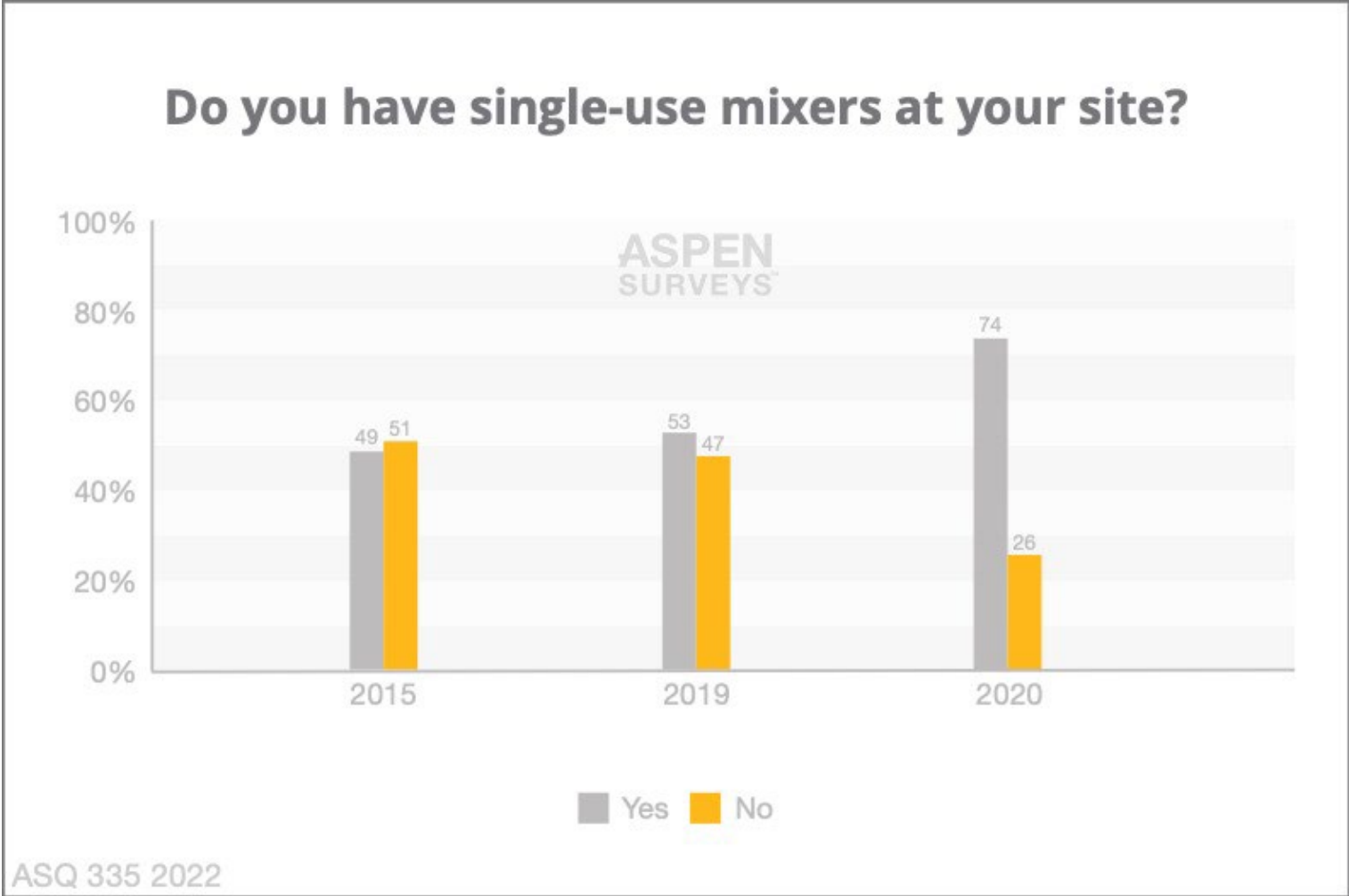
Market Overview



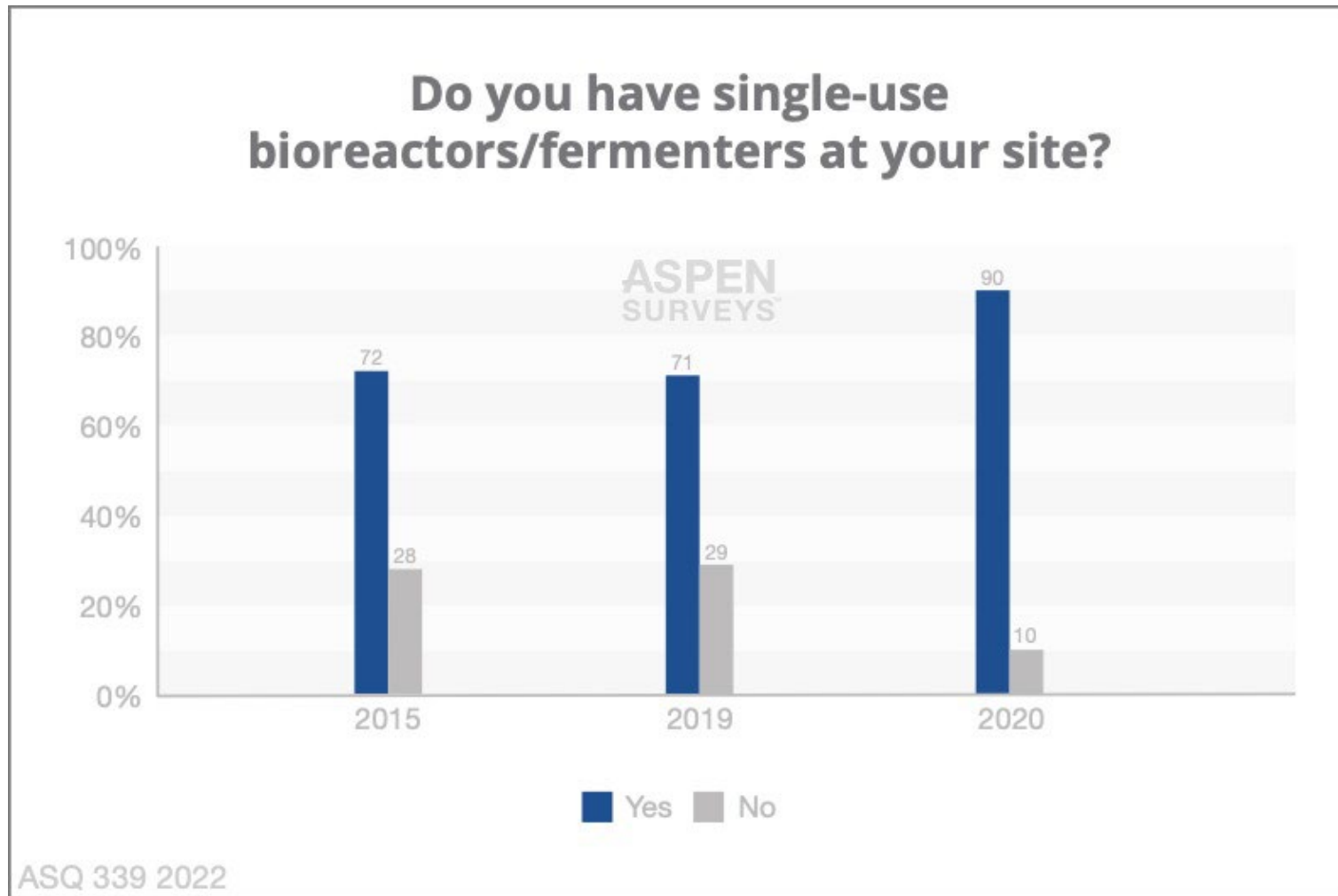
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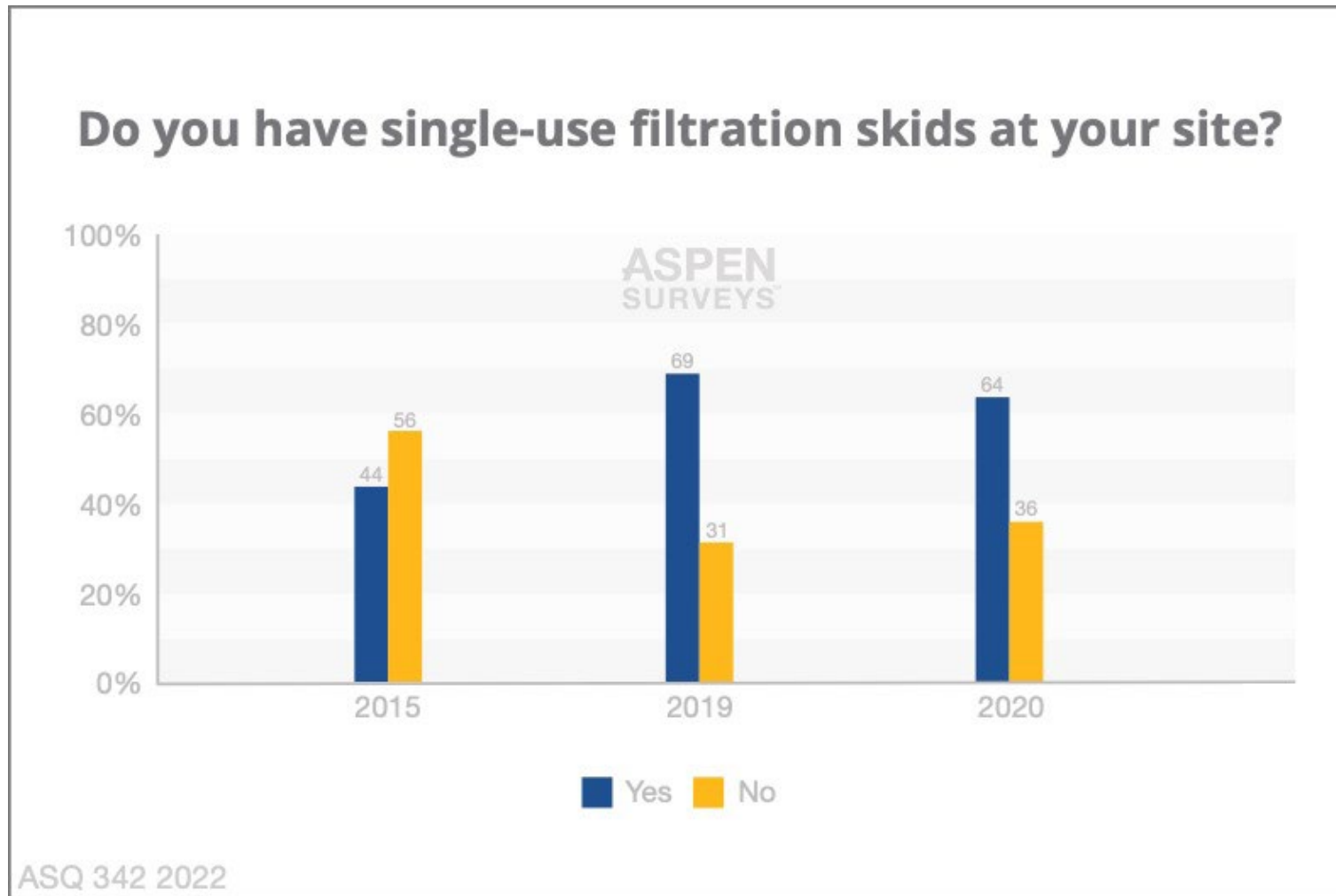
Market Overview



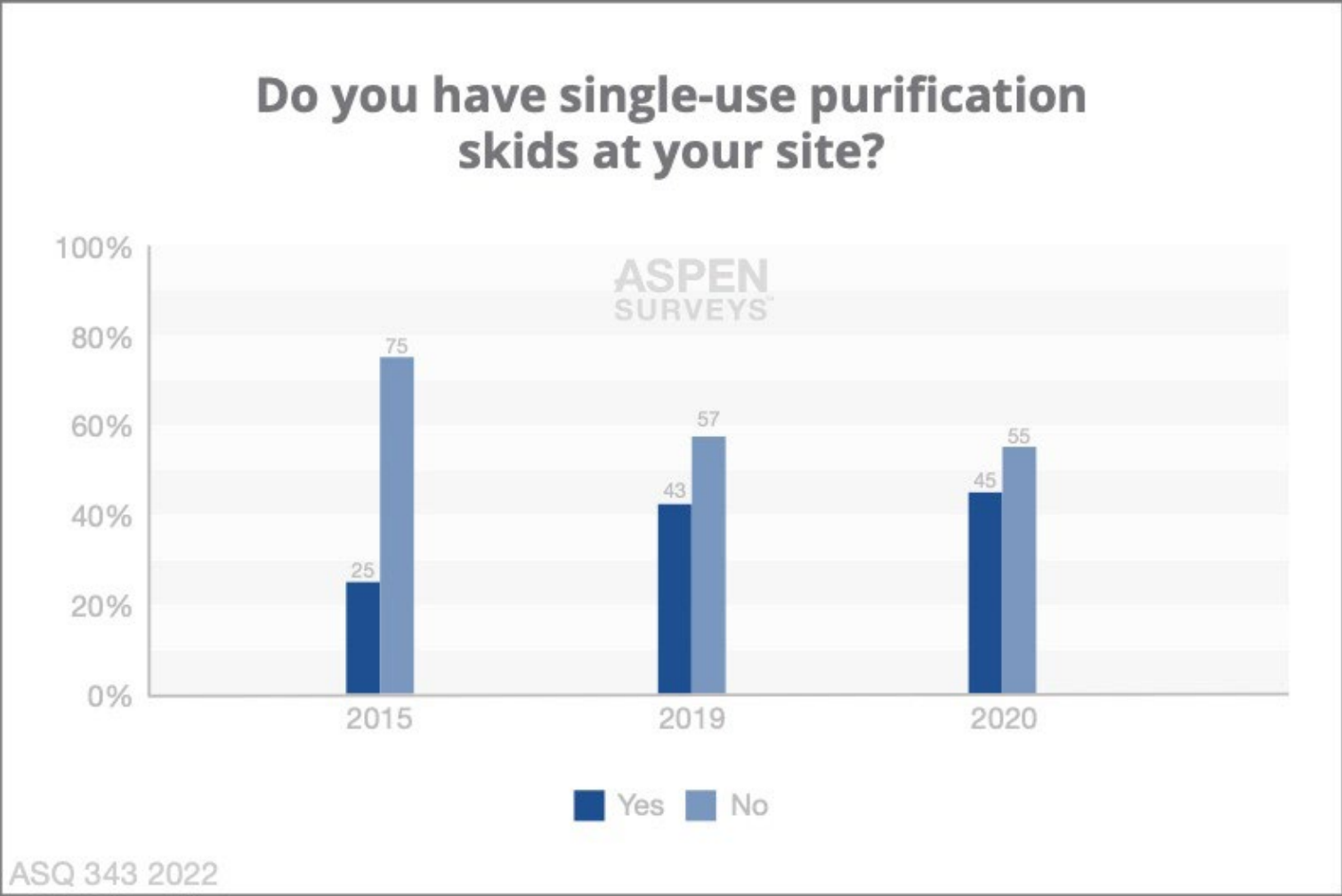
Market Overview



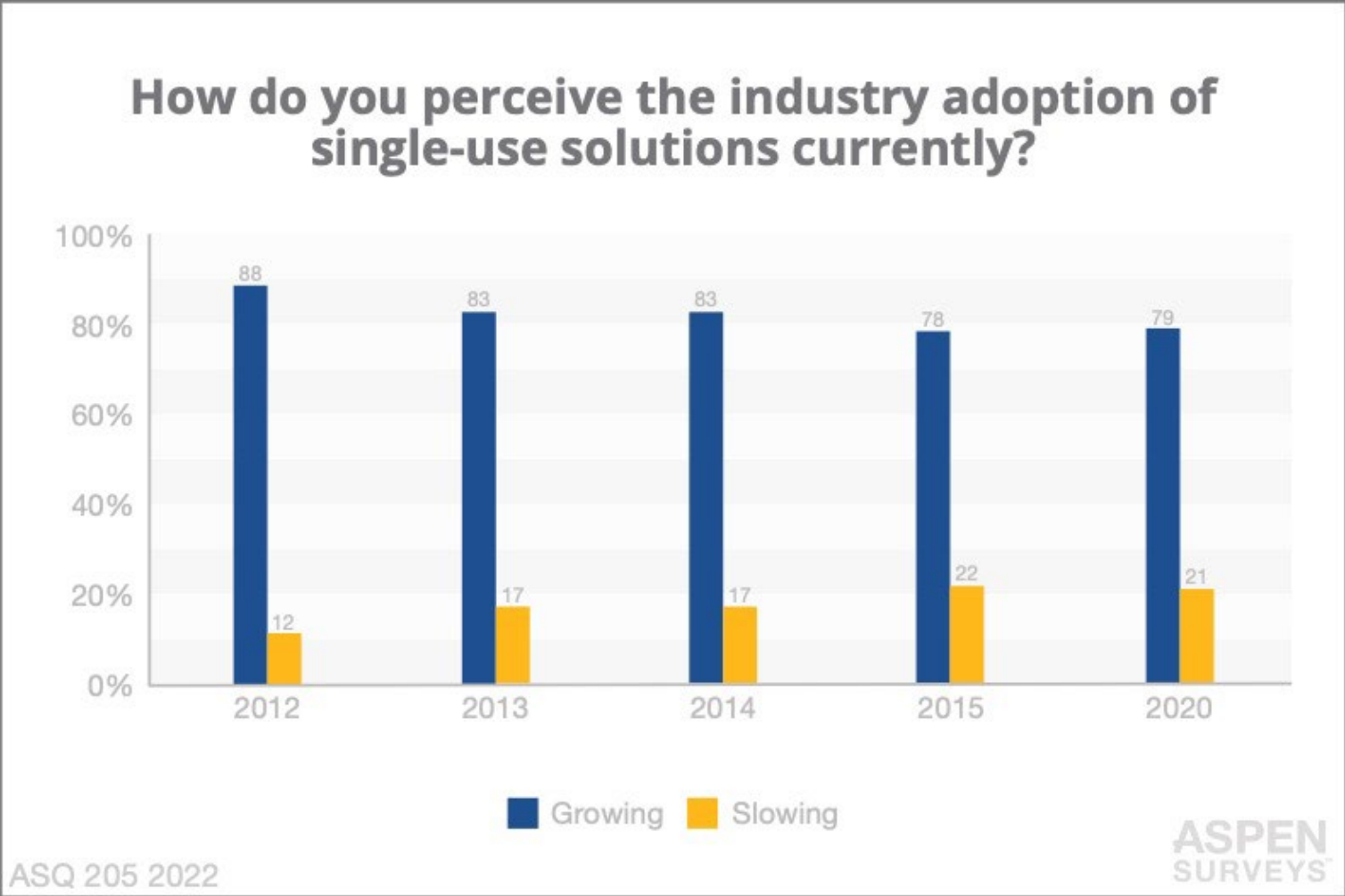
Market Overview



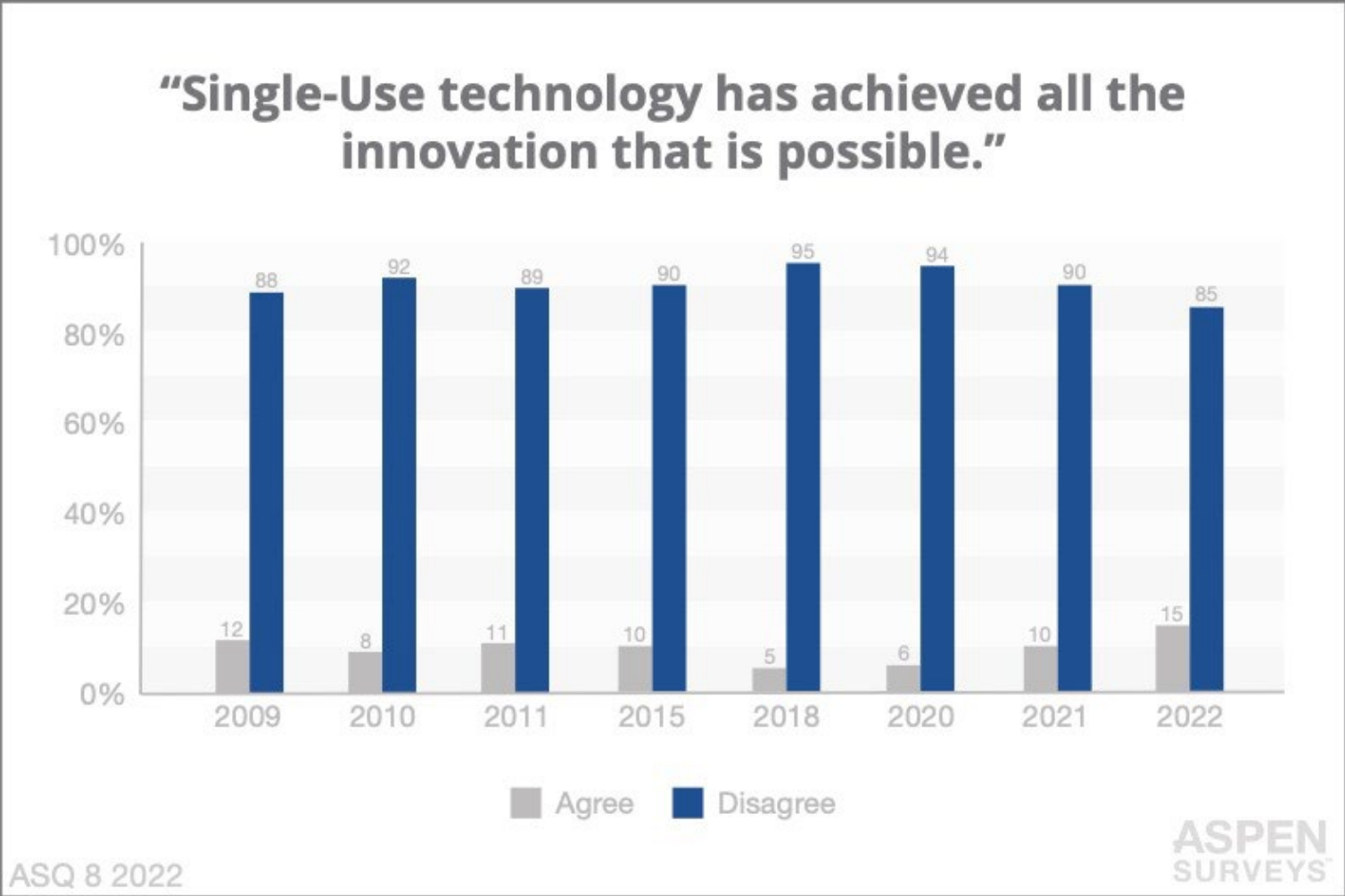
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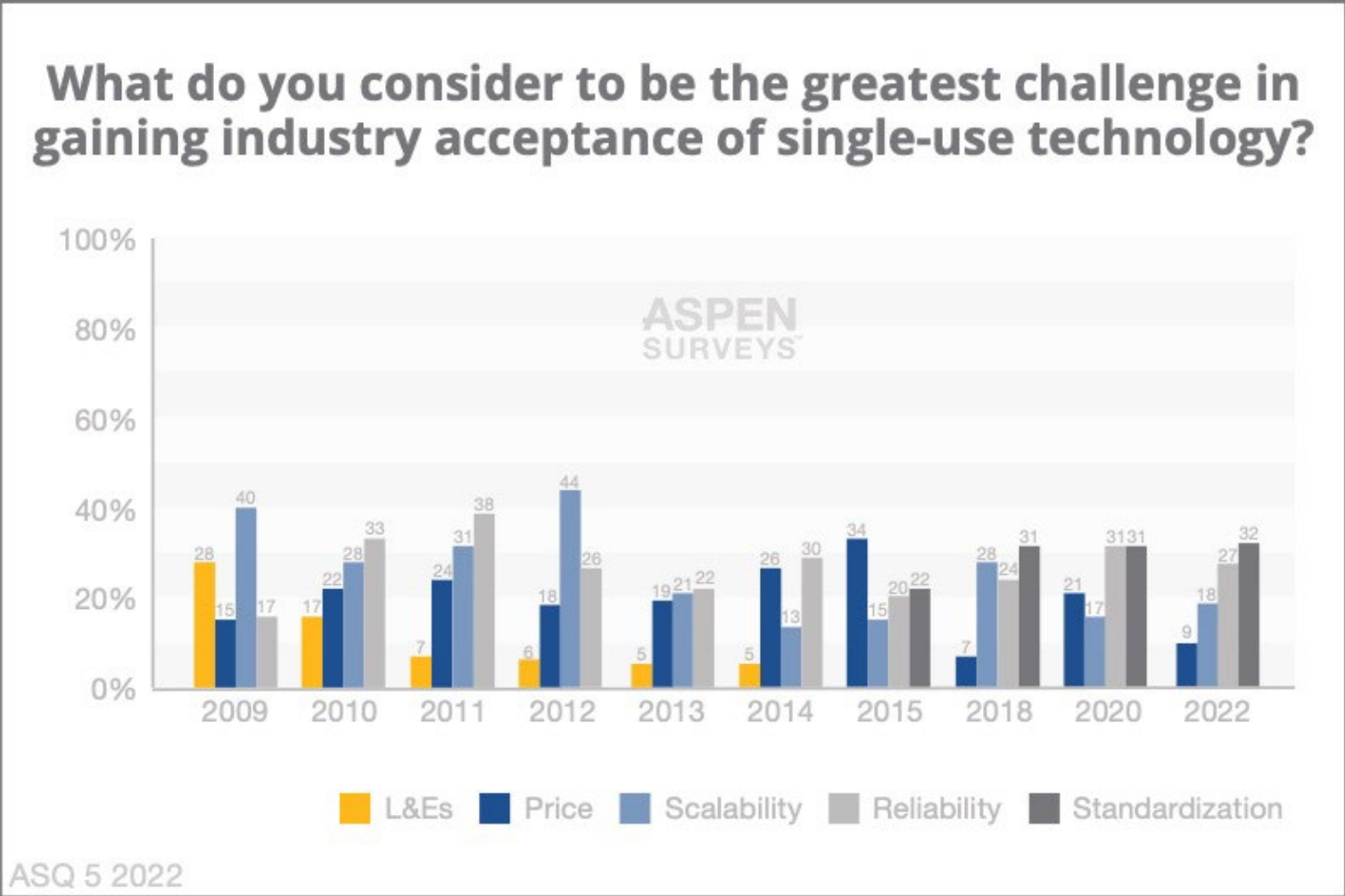
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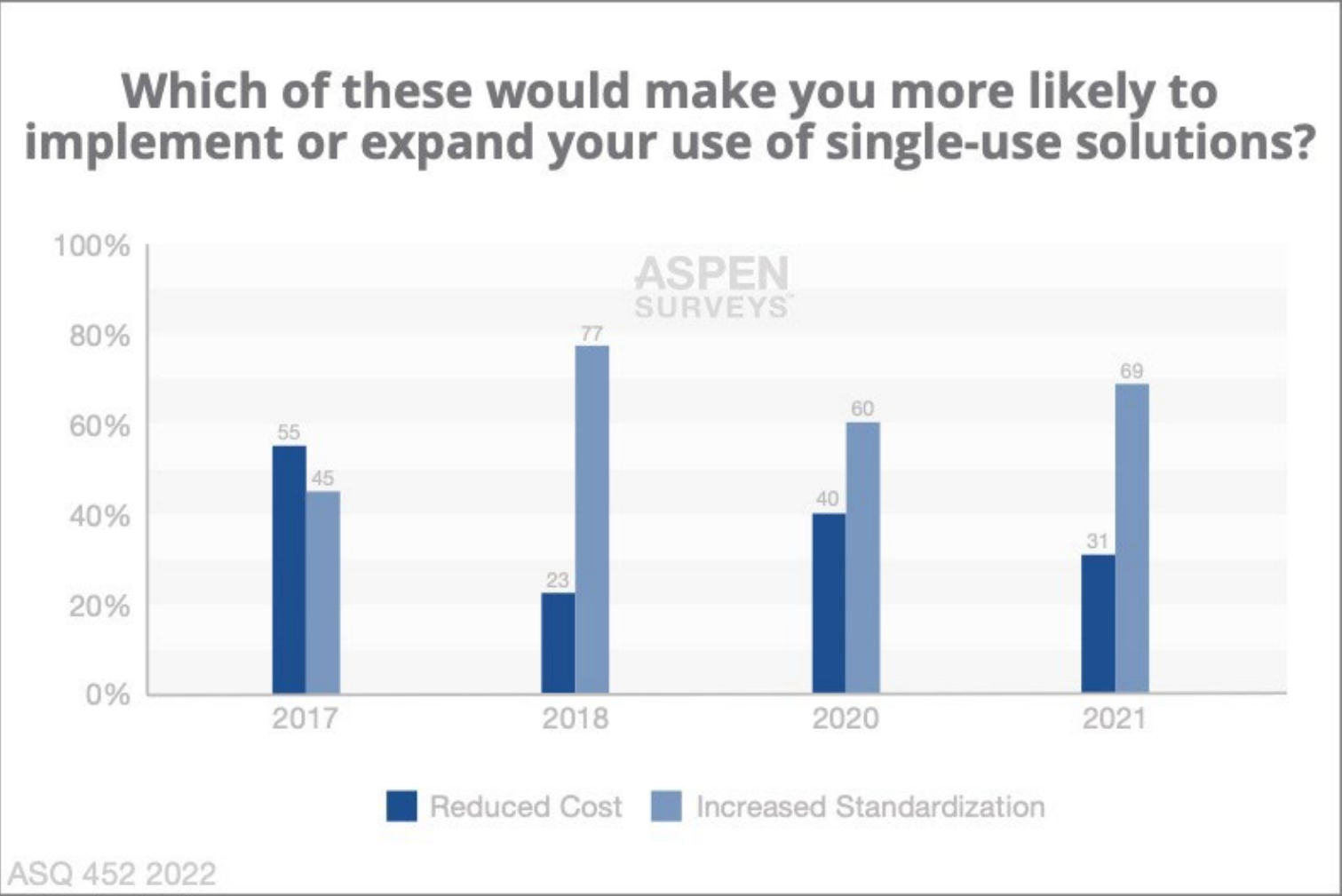
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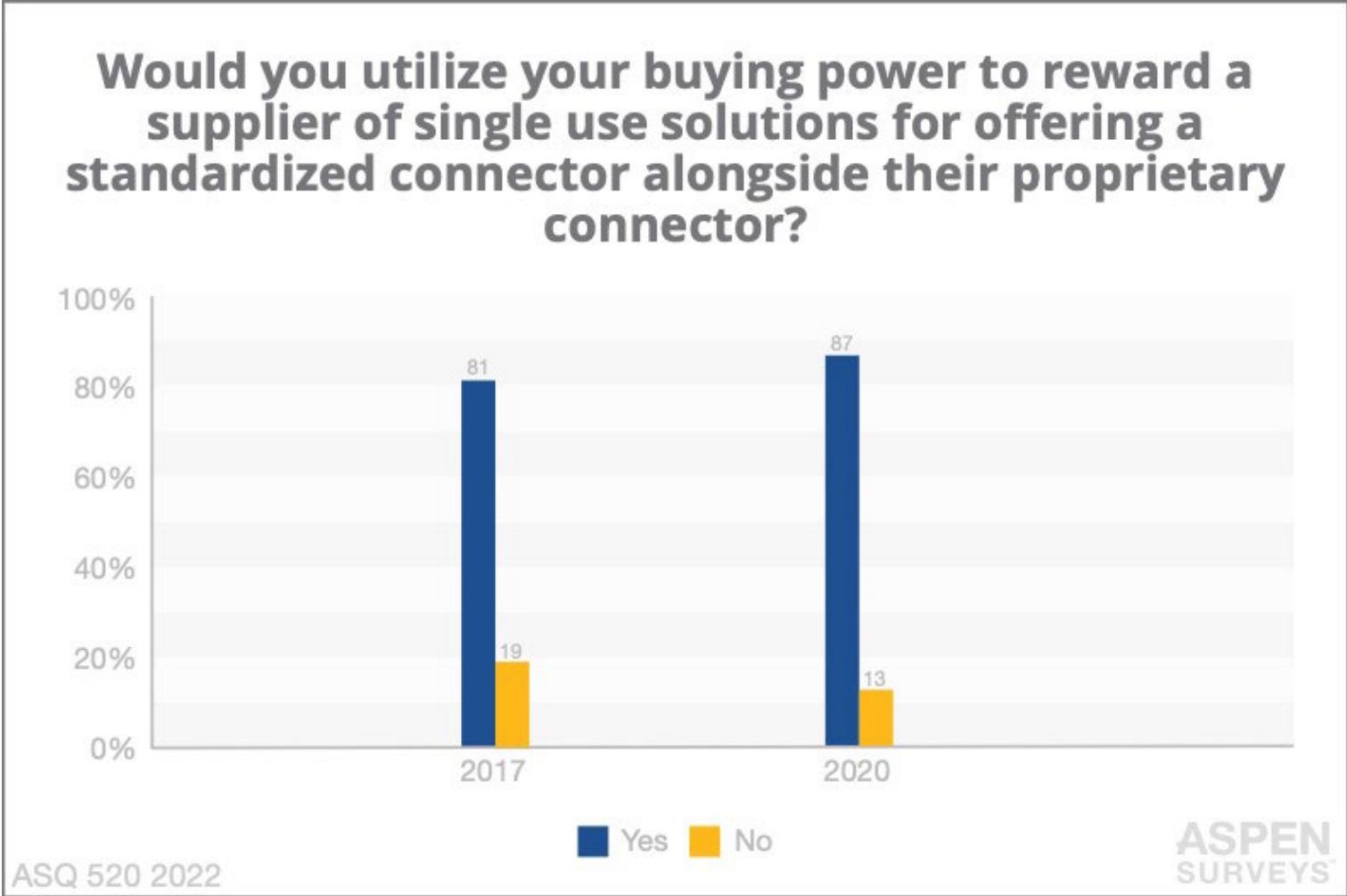
Market Overview



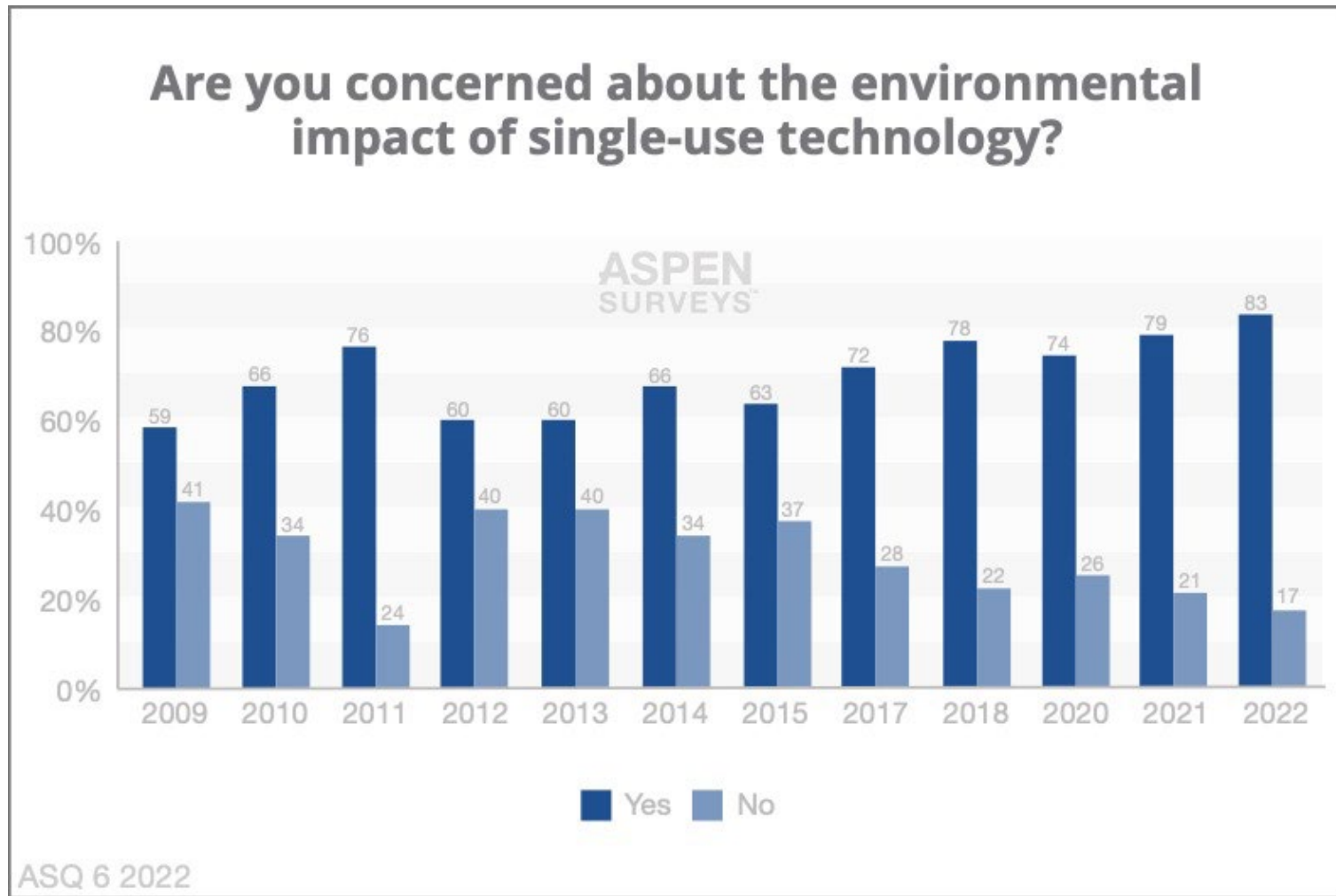
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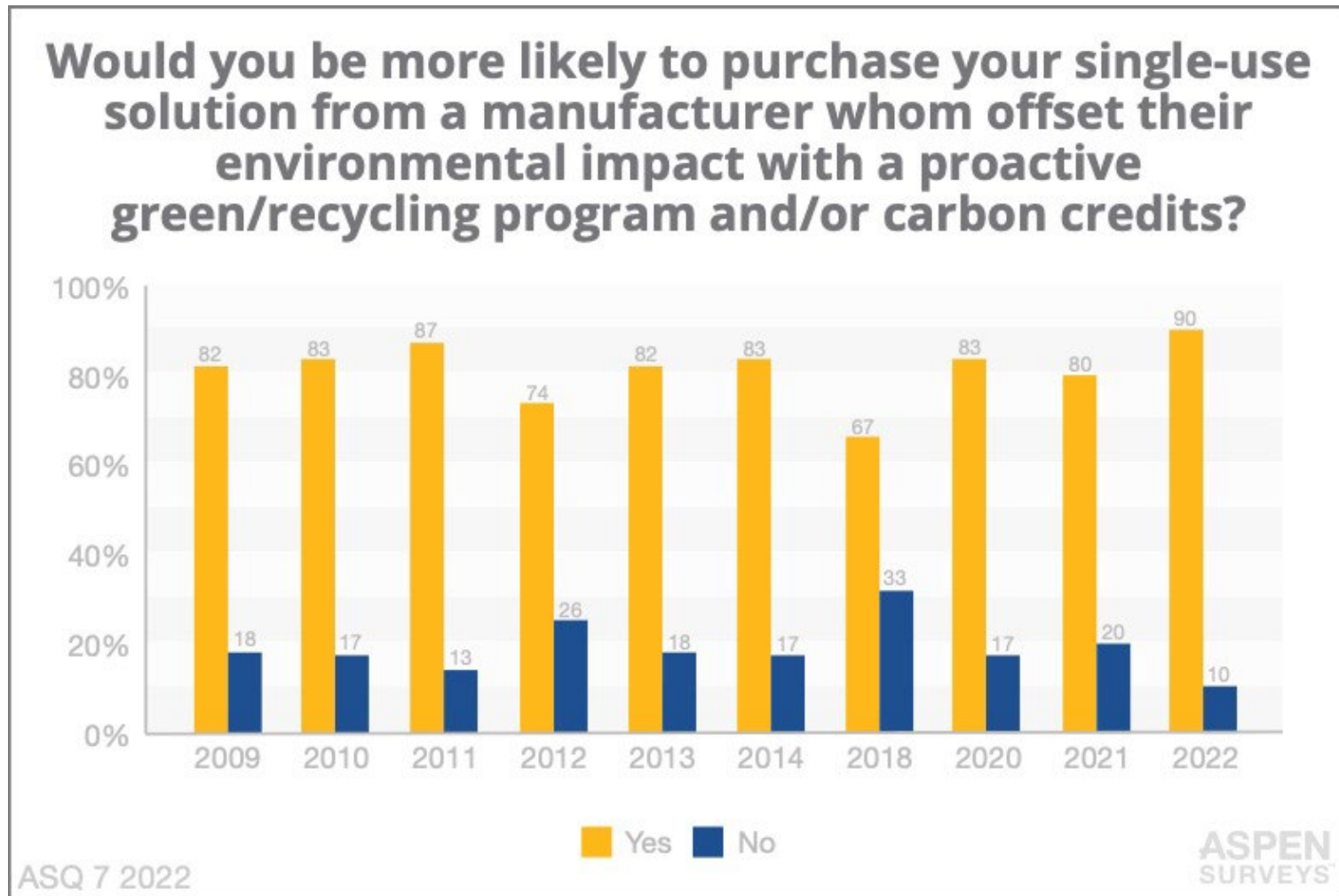
Market Overview



Sustainability

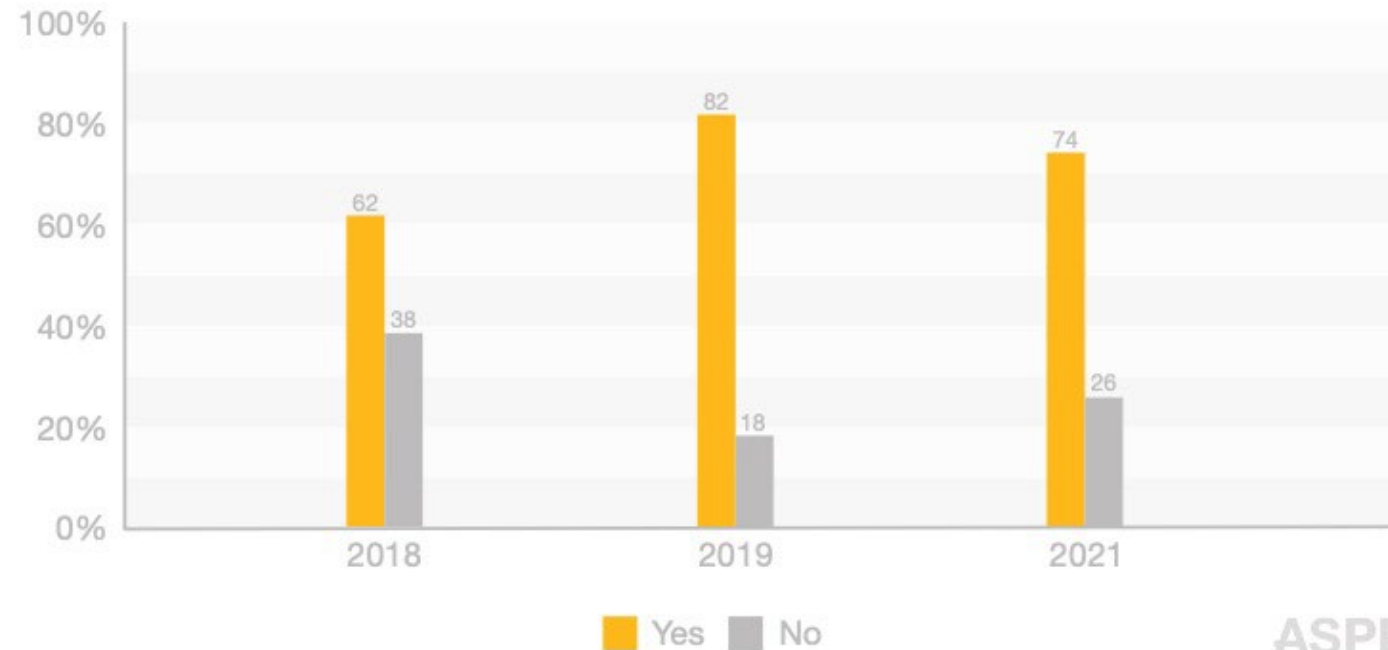


Sustainability



Sustainability

Would you be willing to pay more for single-use solutions certified to have been manufactured in compliance with a green program such as from recycled materials or with carbon credits, etc.?

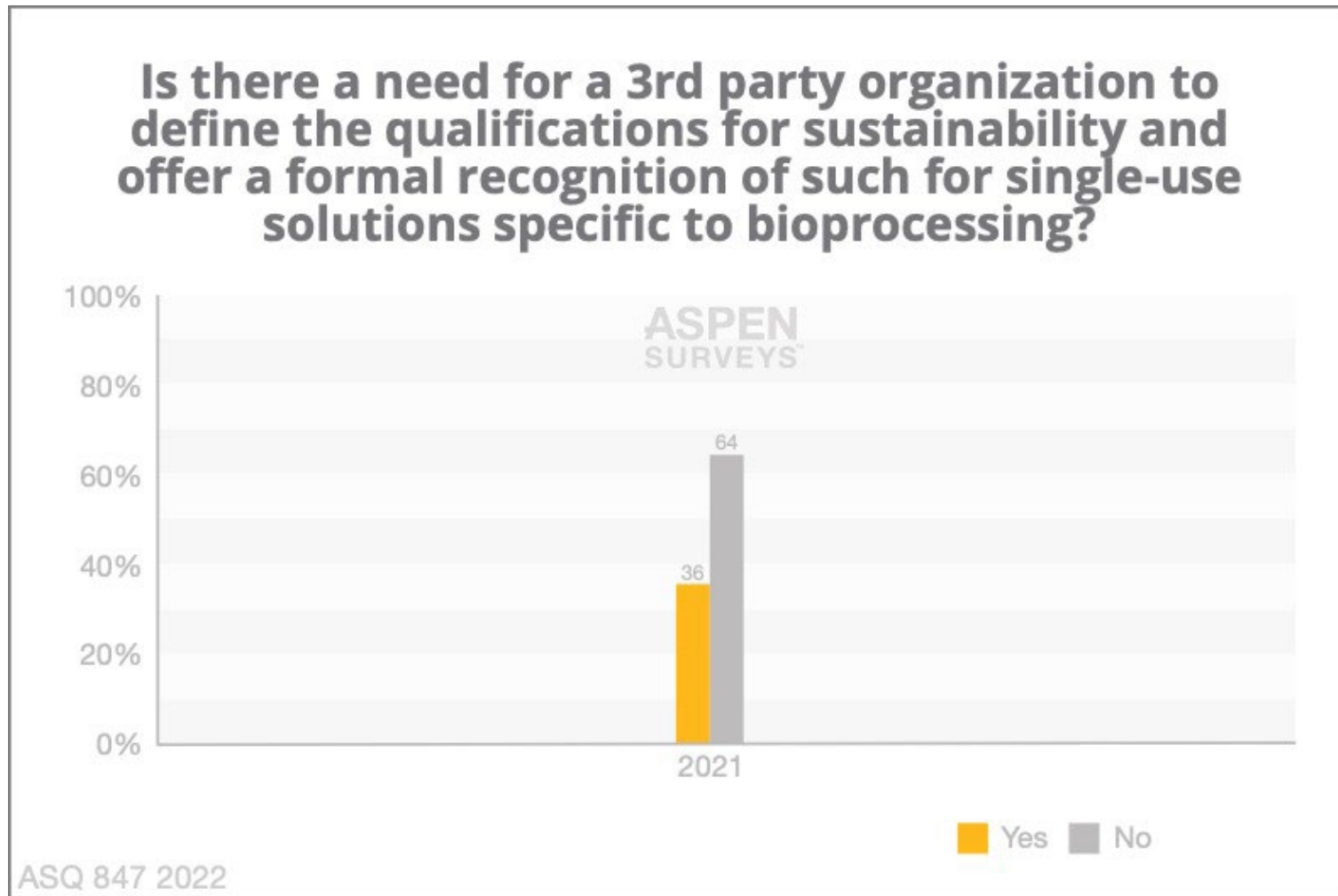


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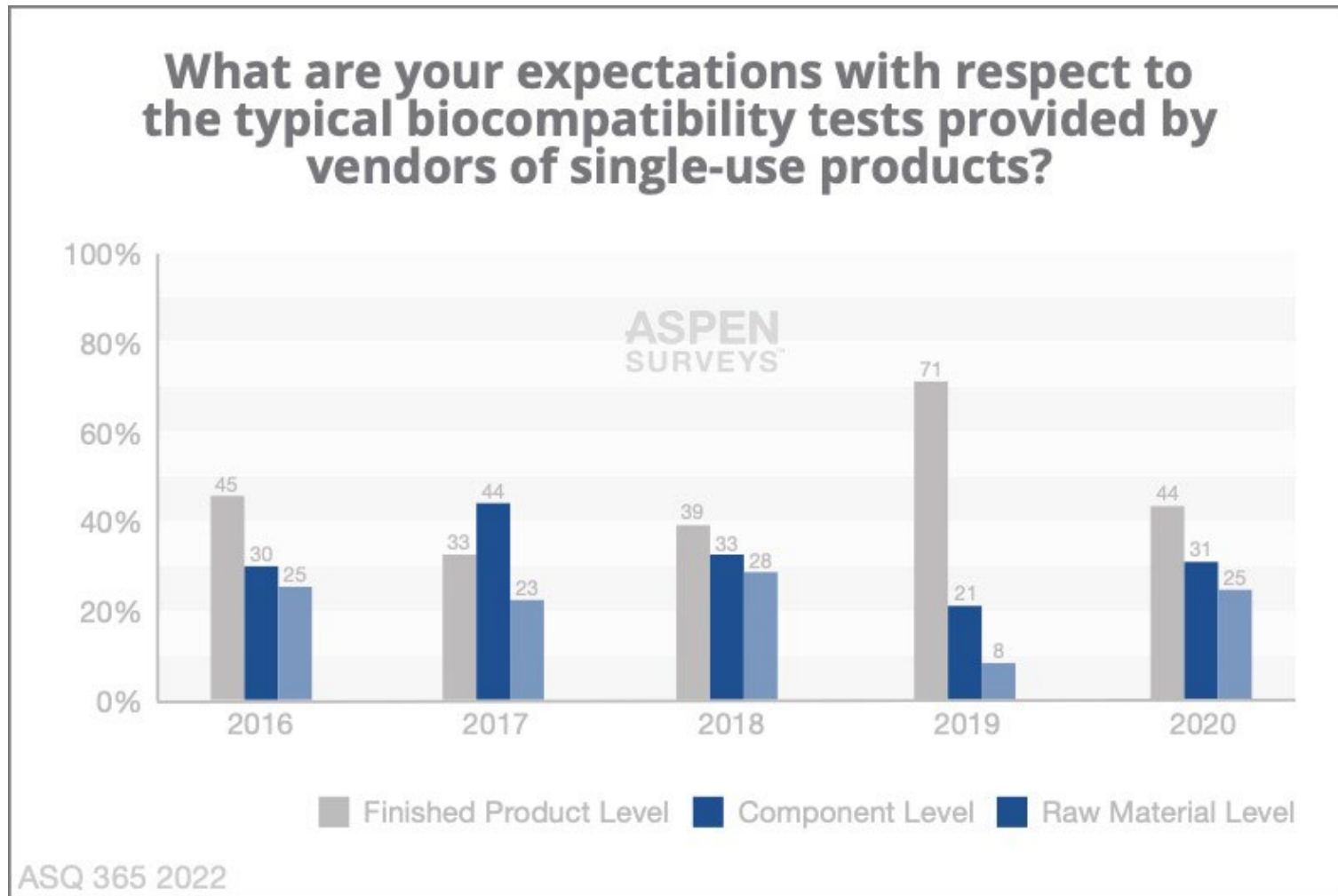
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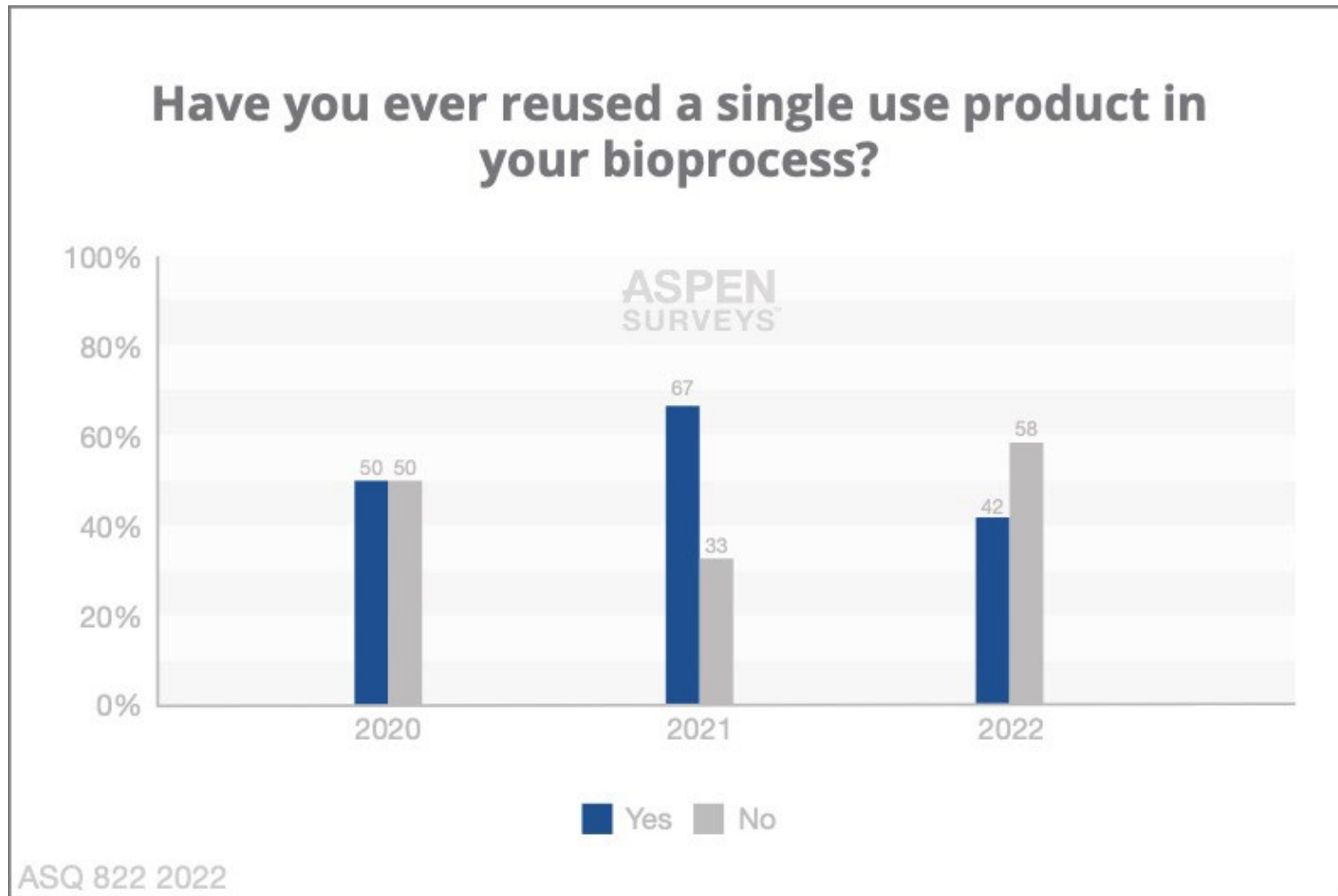
Sustainability



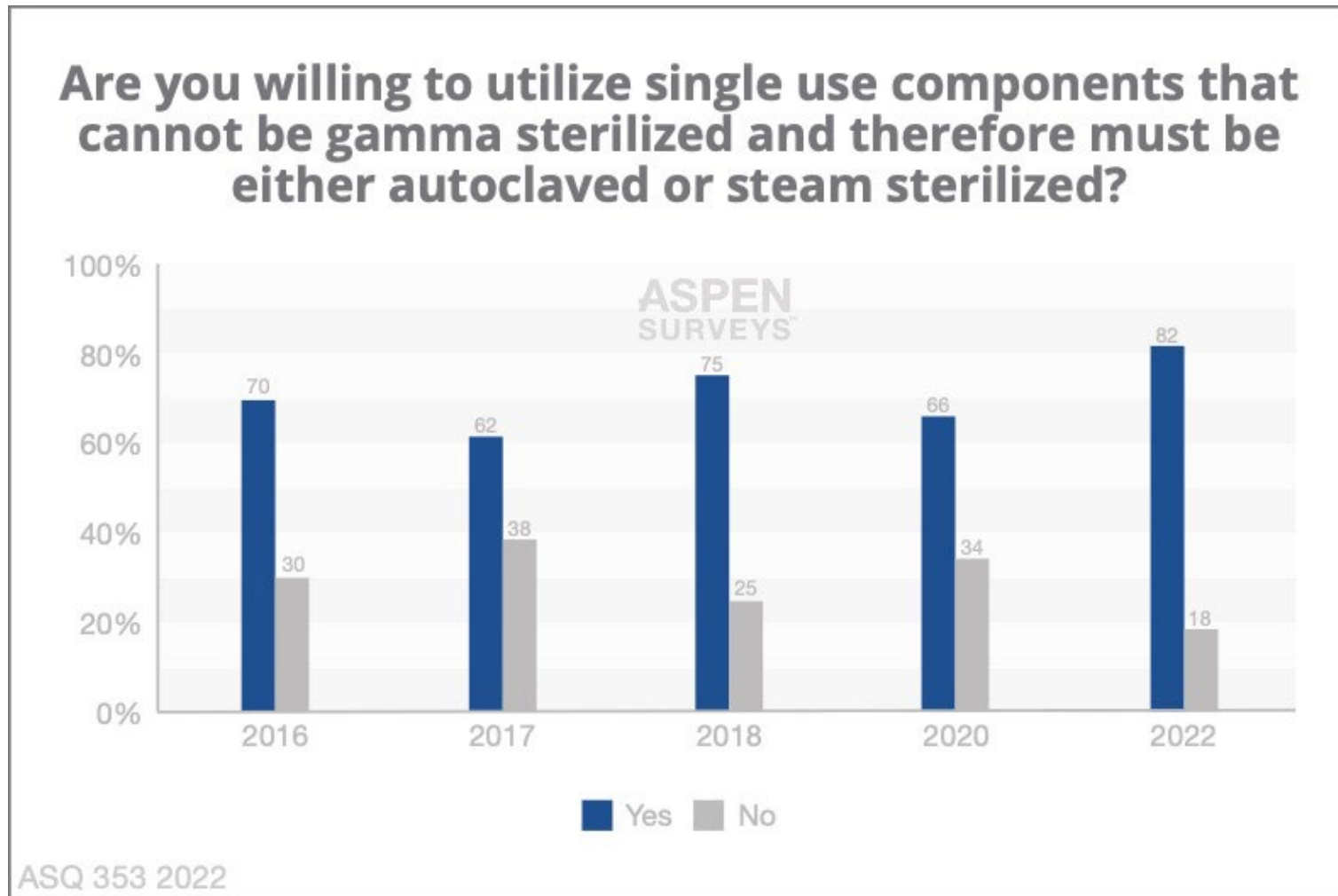
Integrity Assurance



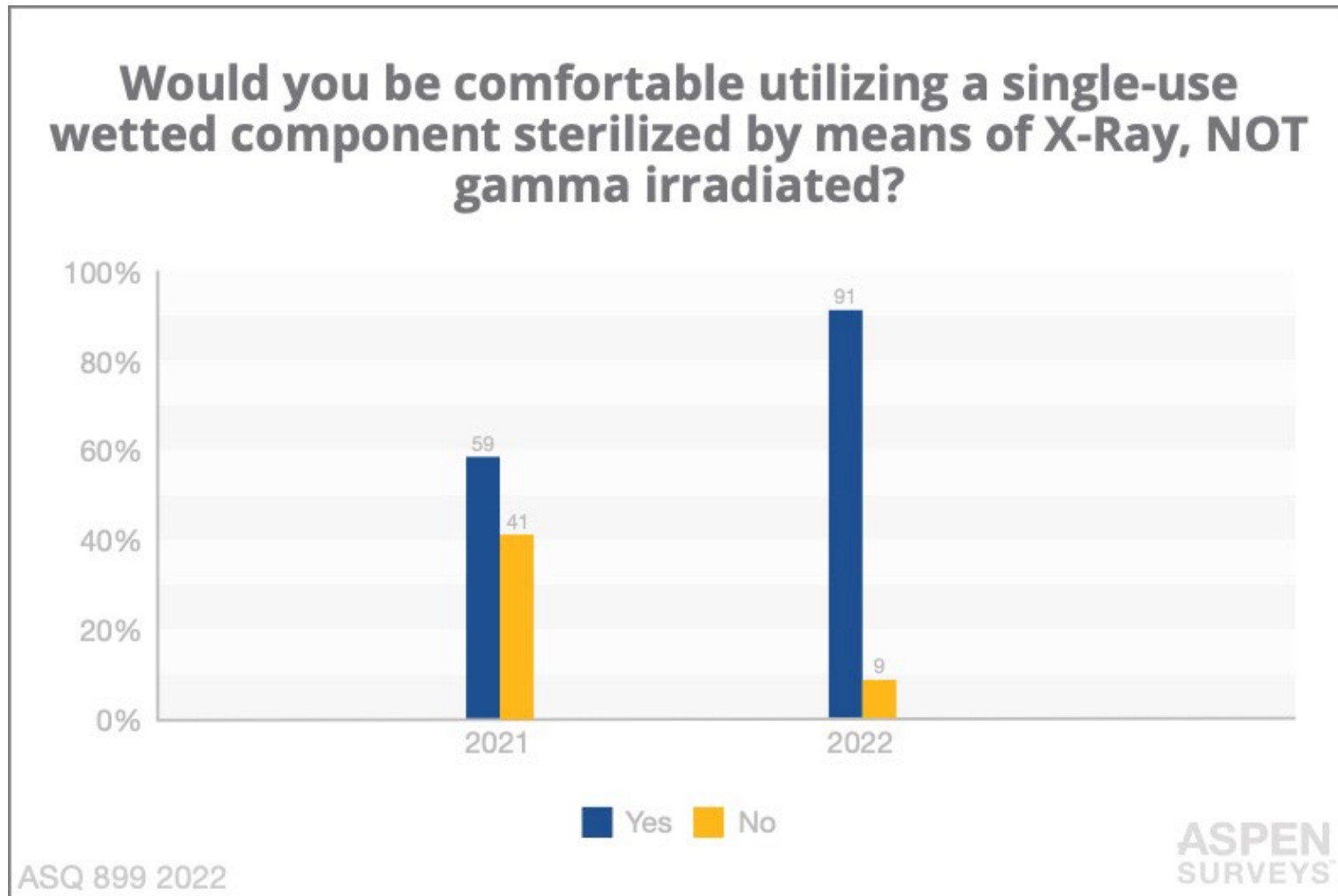
Integrity Assurance



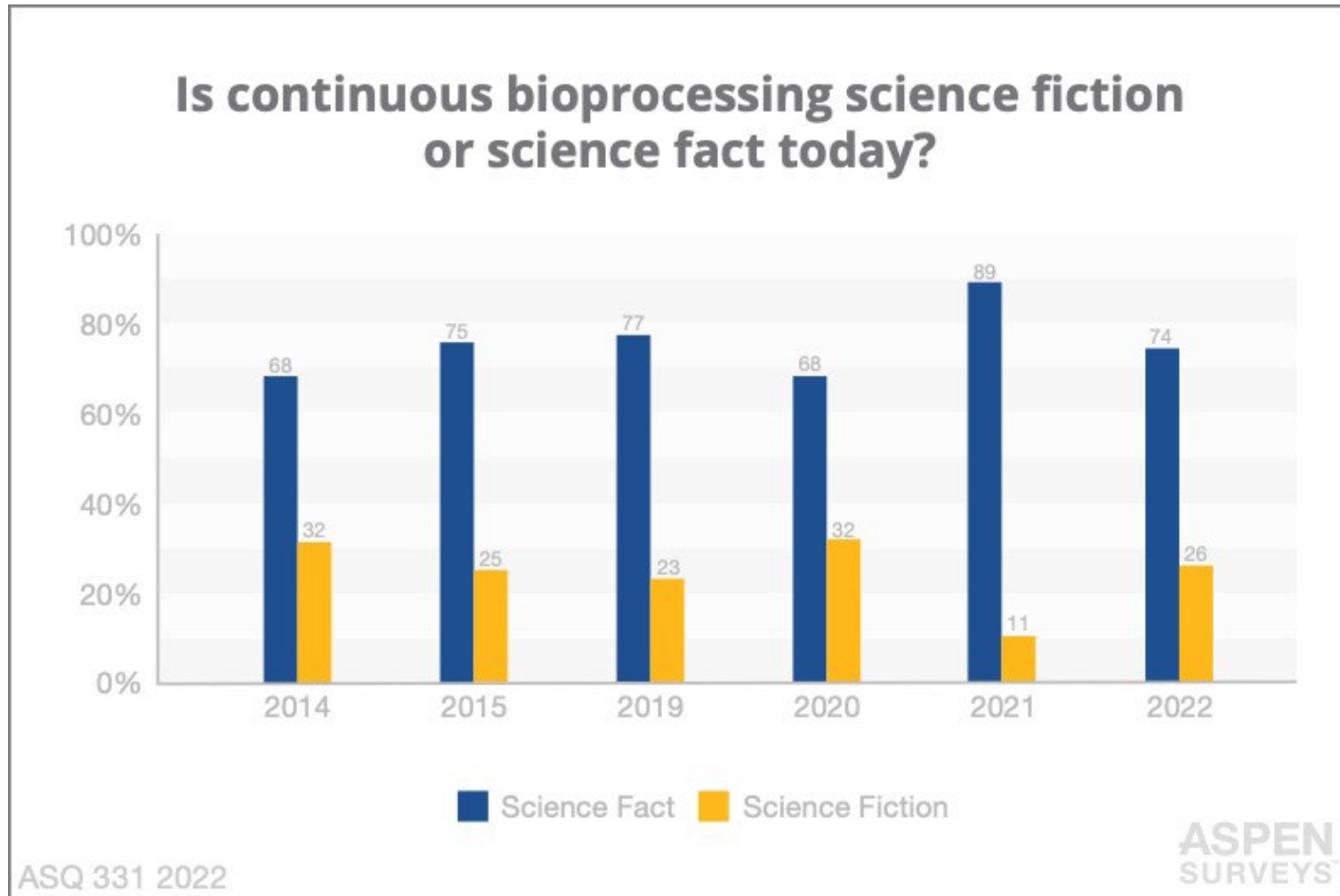
Sterilization



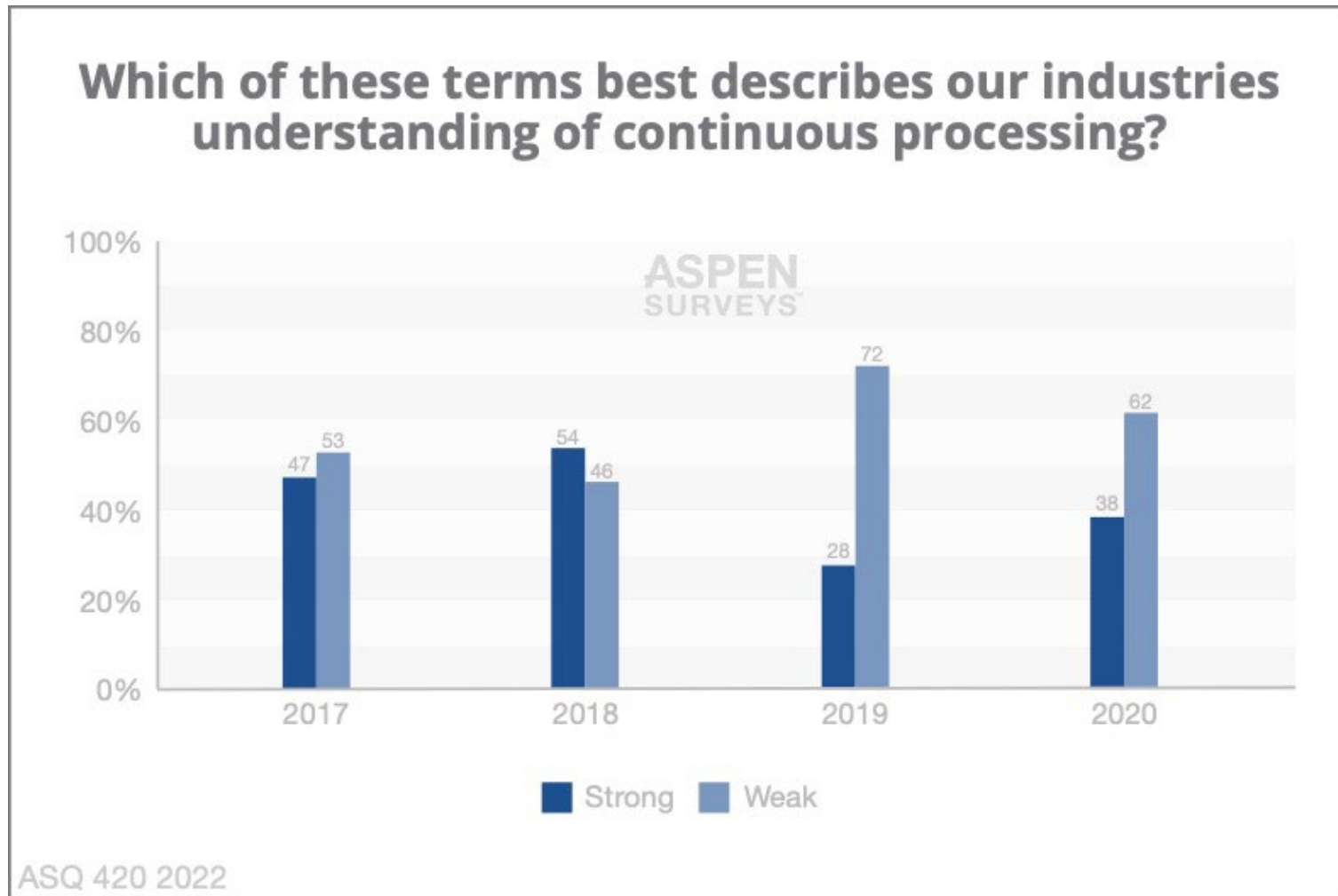
Sterilization



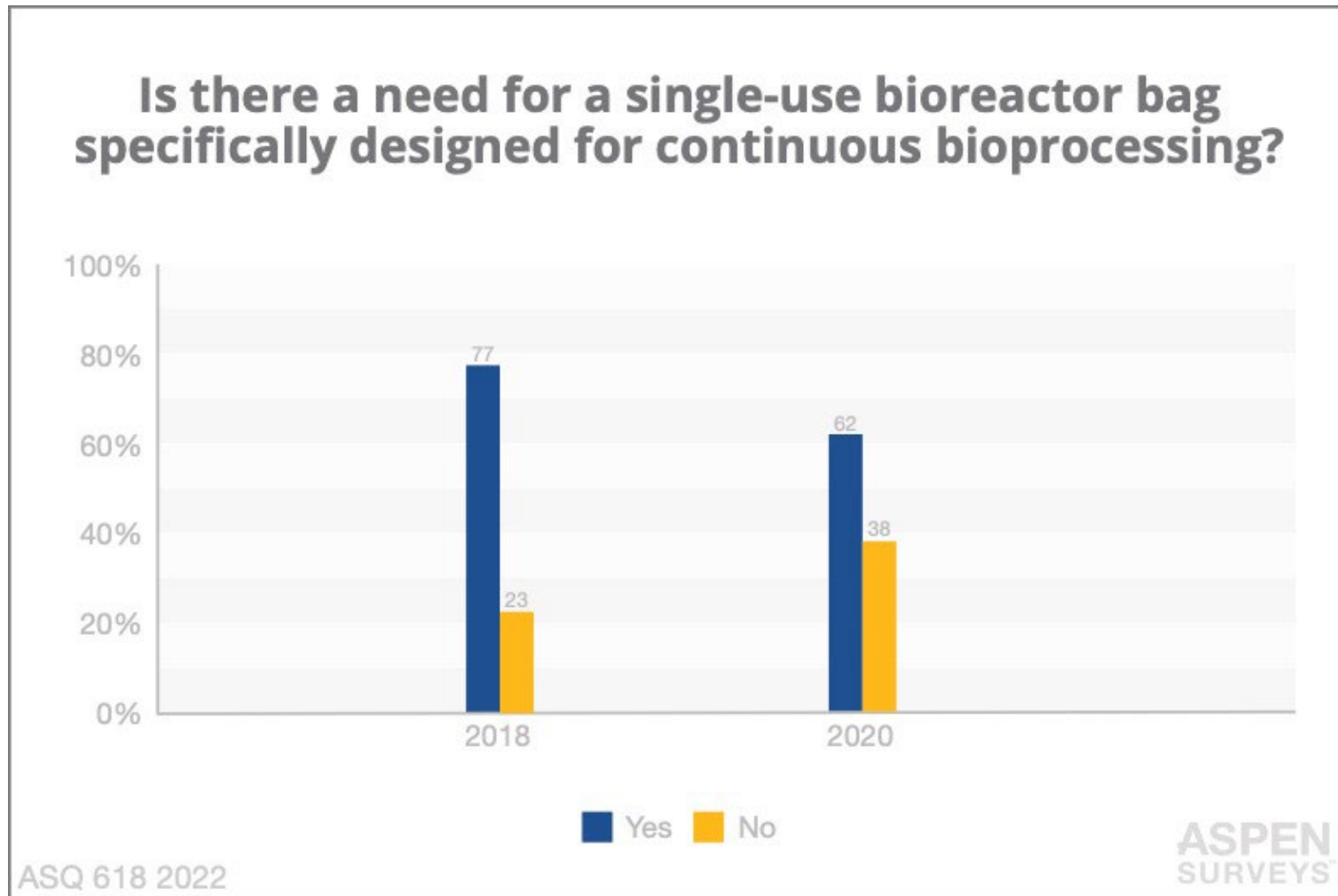
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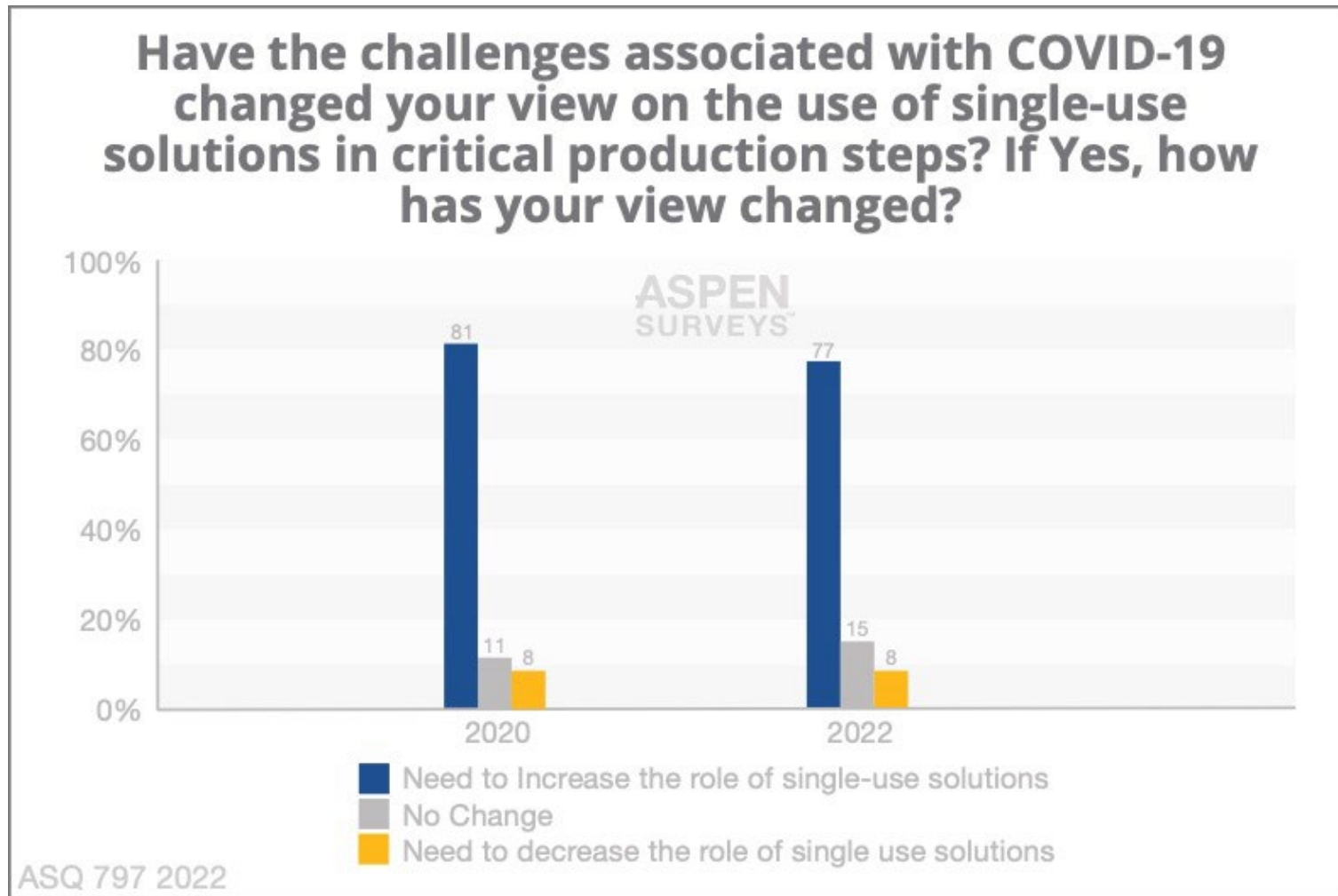
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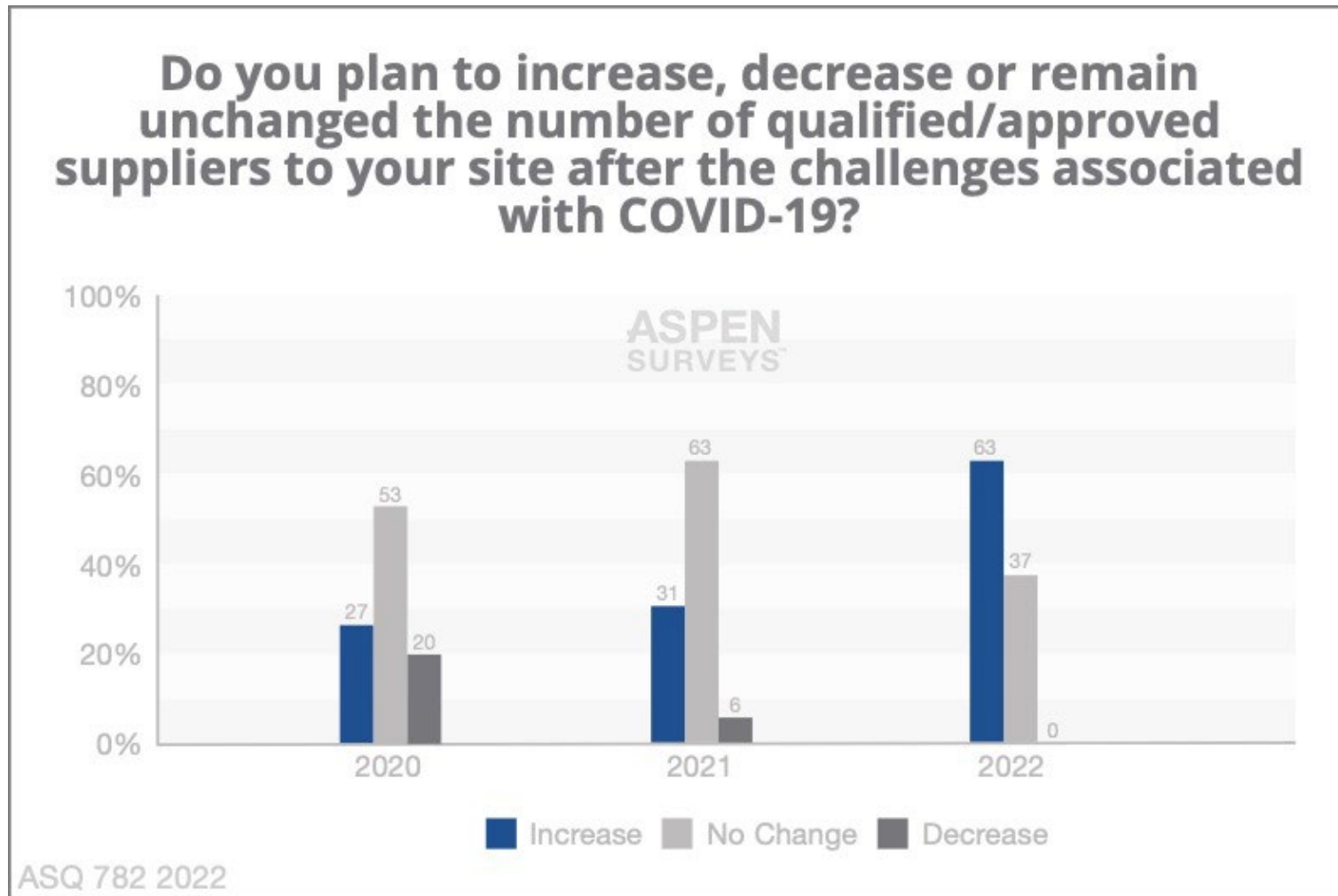
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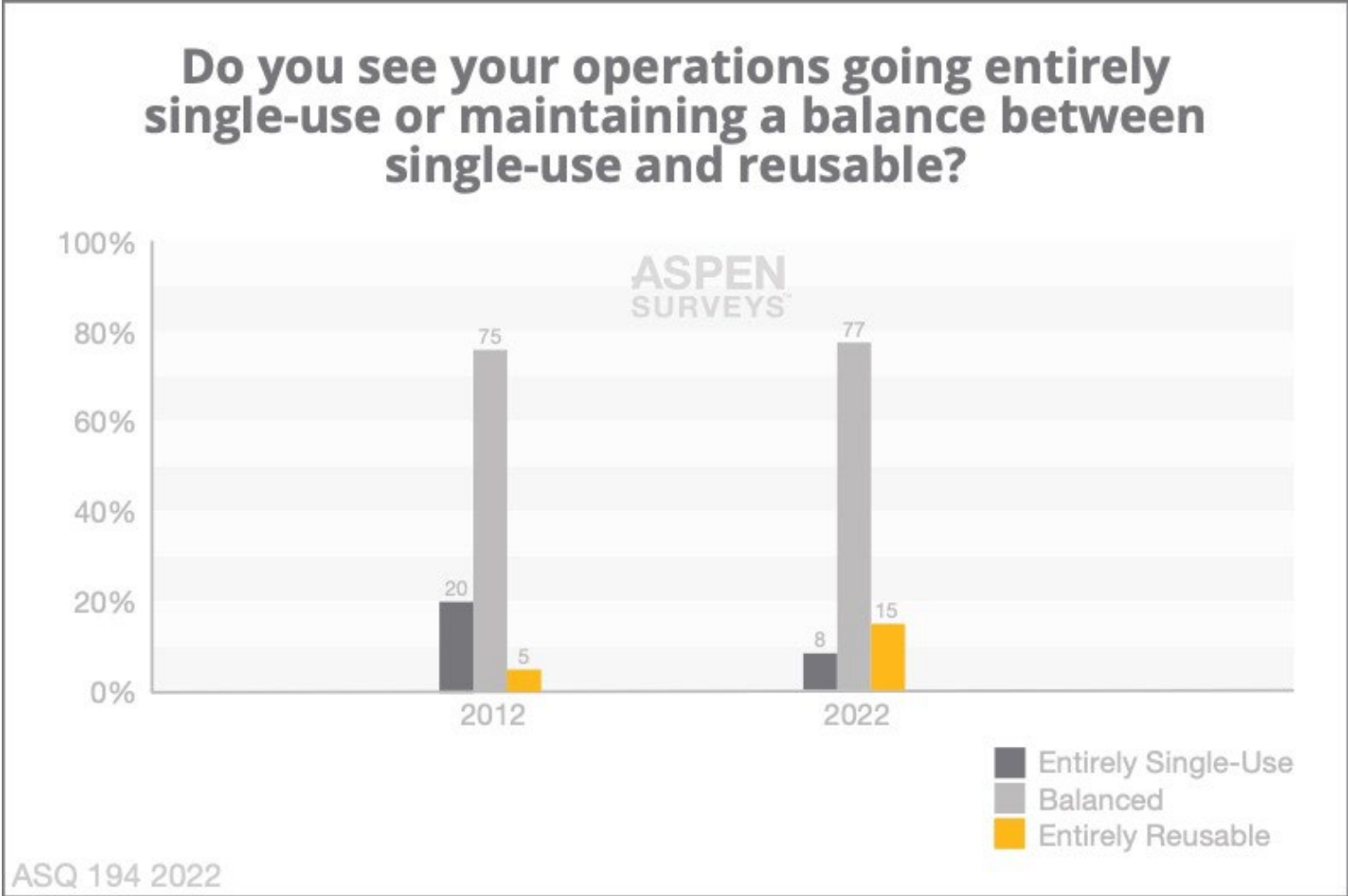
Looking Ahead



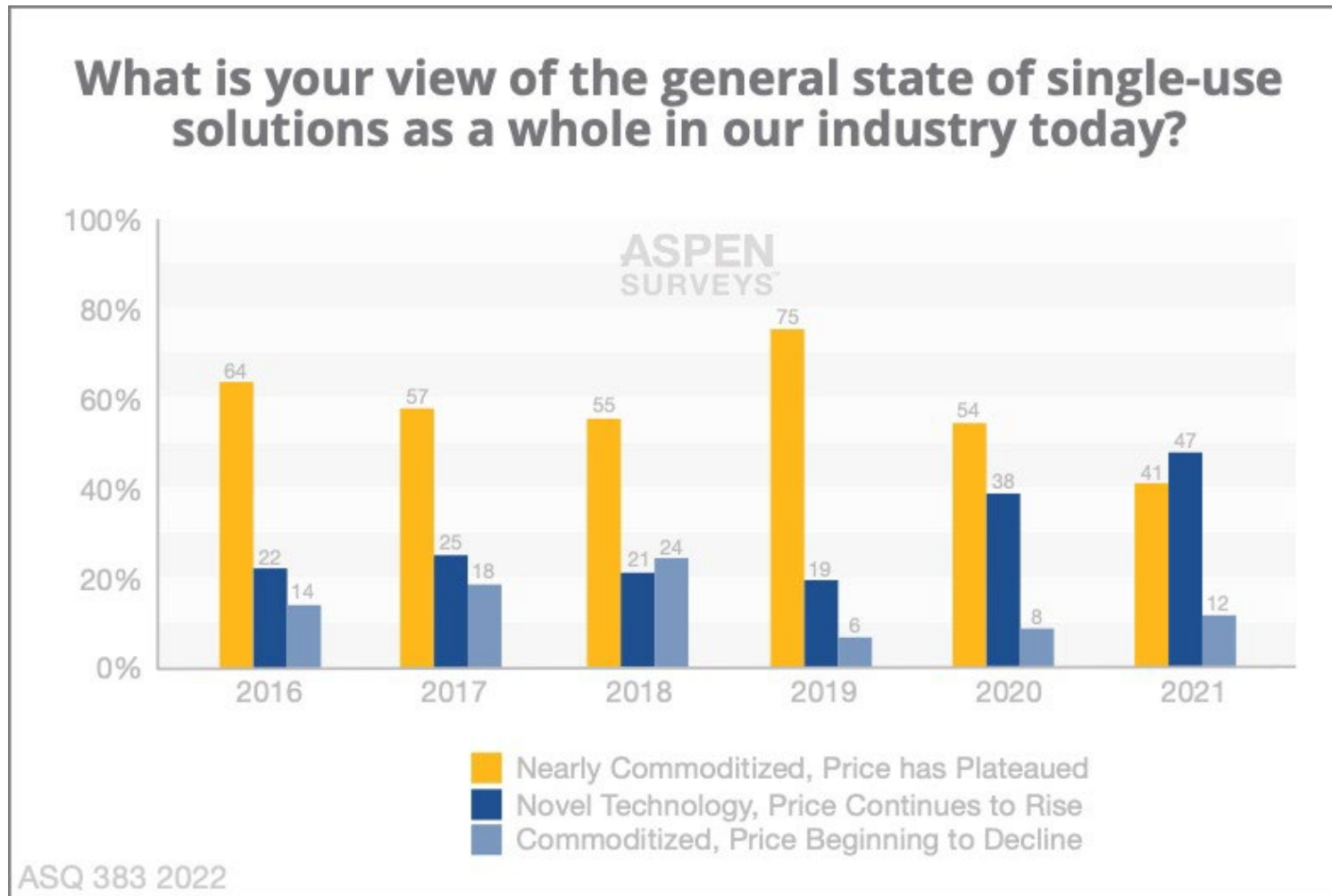
Looking Ahead



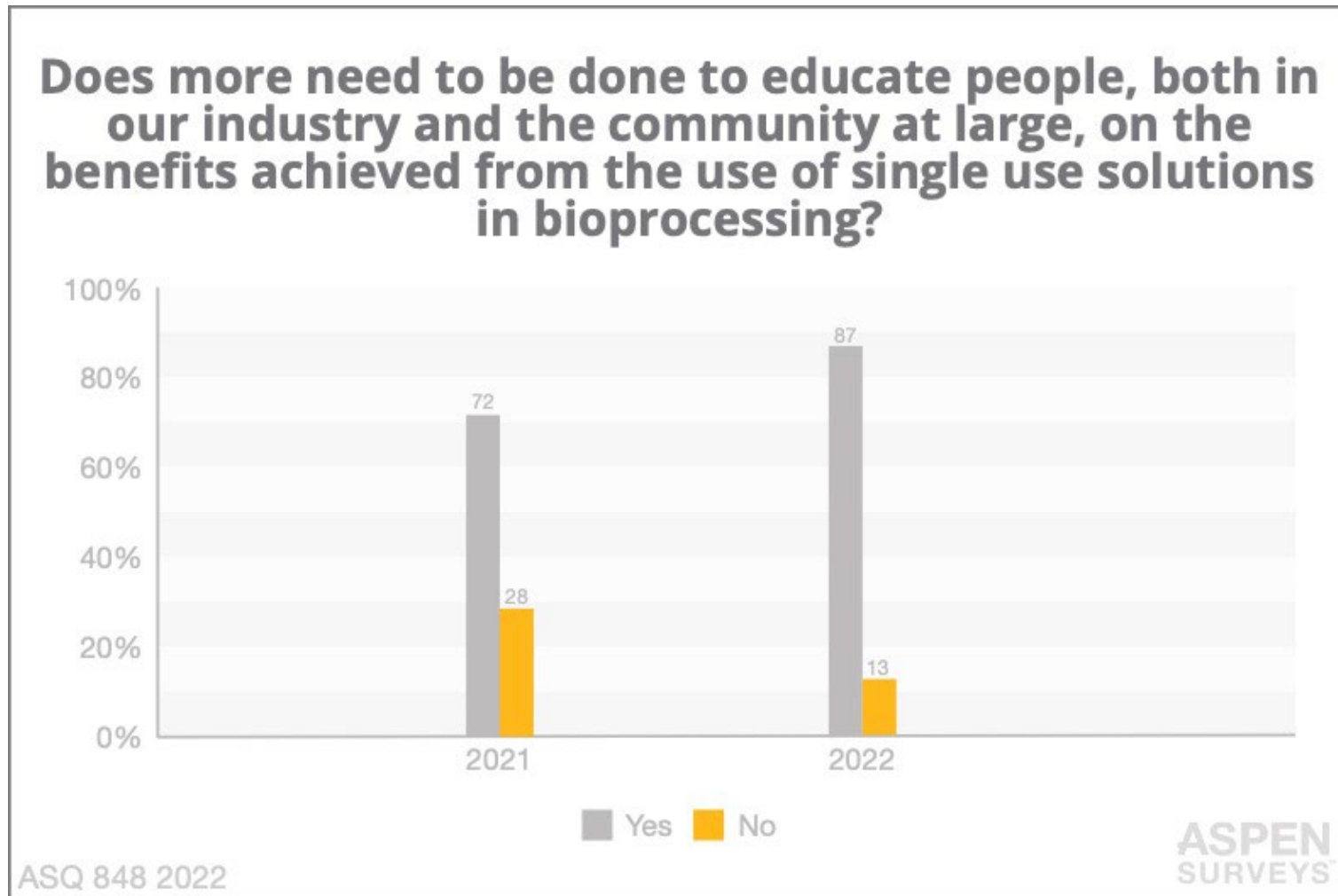
Looking Ahead



Looking Ahead



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Thank You.

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