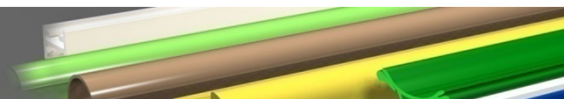


*CANADIAN PLASTICS* 2010

PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

# Canadian Plastics

Pipe & Profile Extrusion  
Benchmark Survey

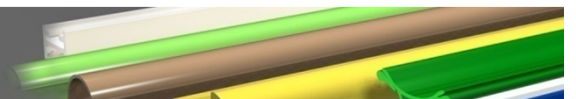


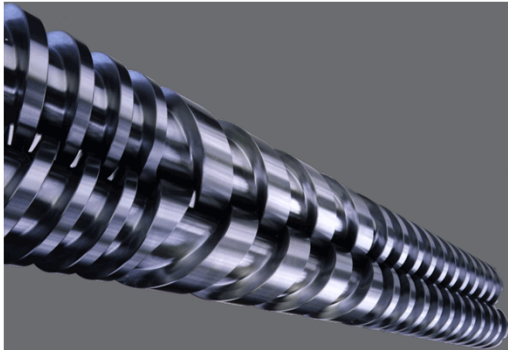


## *CANADIAN PLASTICS* 2010

### PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

- The 2010 Extrusion Benchmark Survey was emailed in to approximately 390 people at pipe, profile and tubing extrusion facilities throughout Canada.
- We received 15 completed responses between September 22<sup>nd</sup> and October 15<sup>th</sup>, 2010.

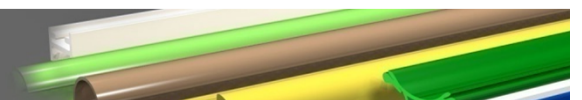
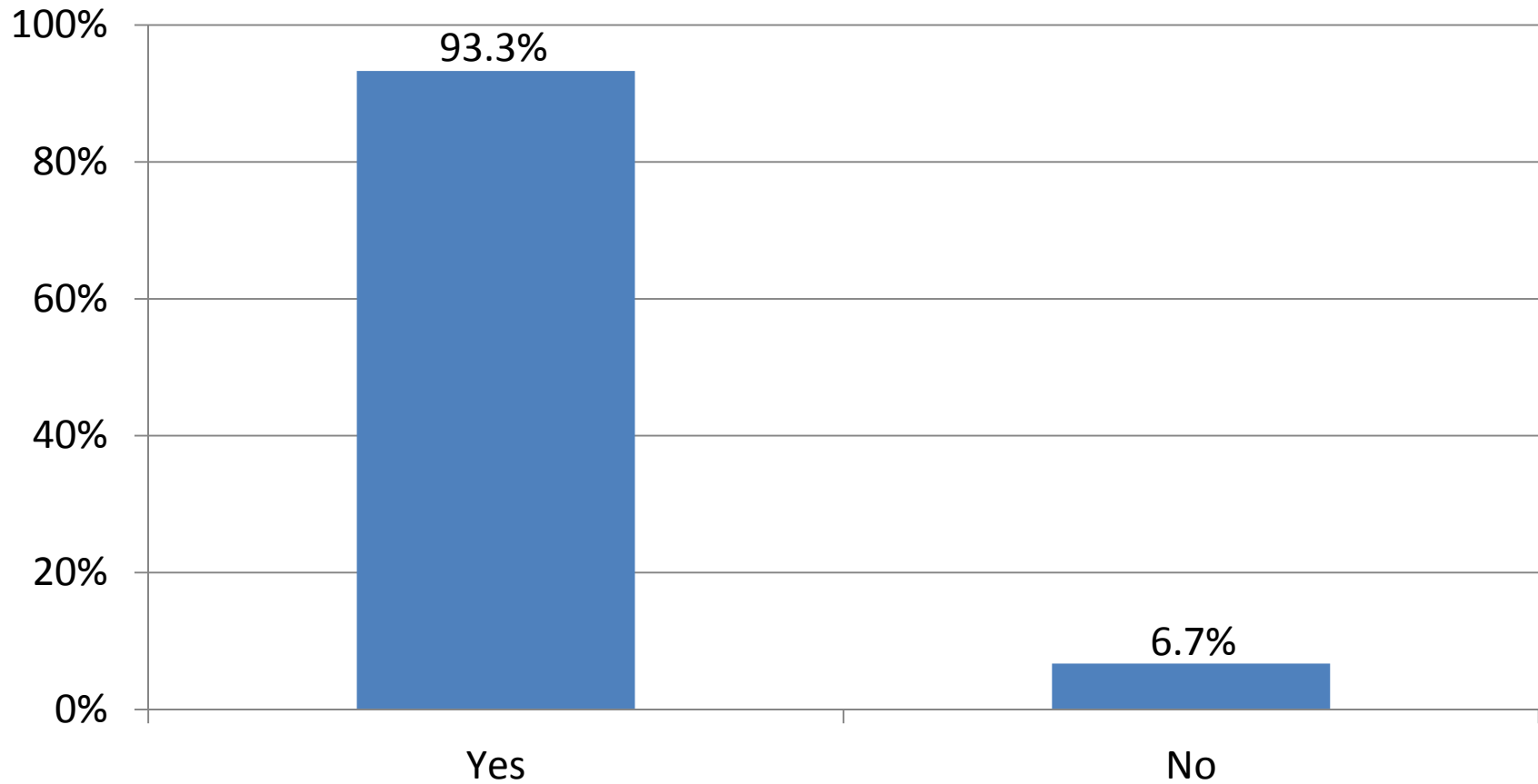


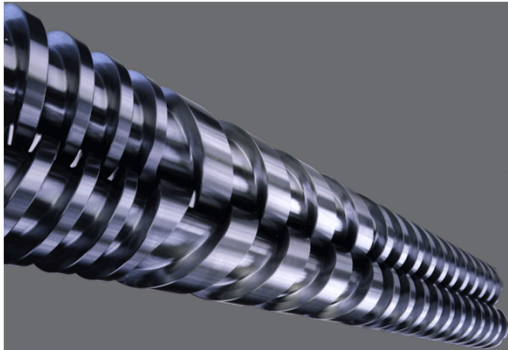


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

*Qualifier: Do you use any extrusion processes at your plant?*

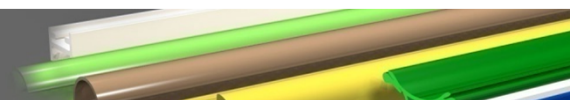
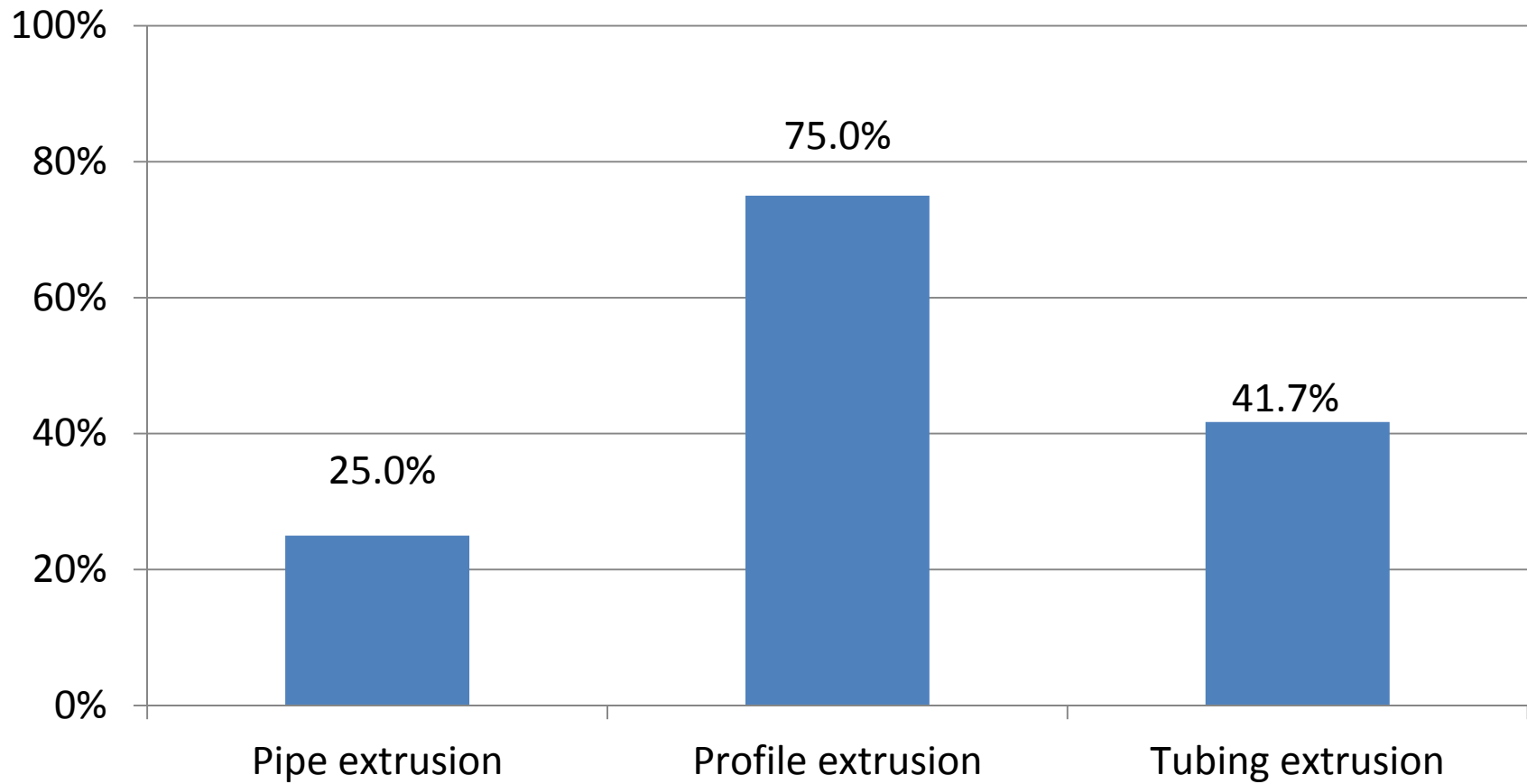


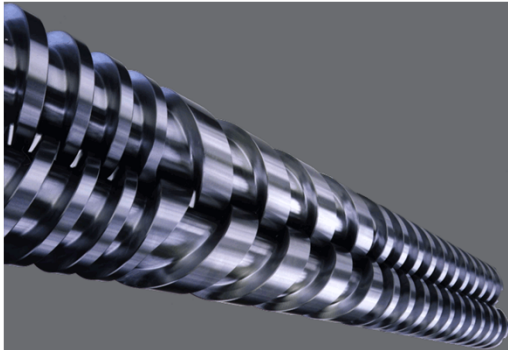


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

1. What extrusion processes do you use at your plant?  
(Select all that apply.)

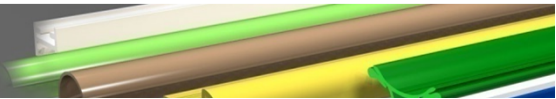
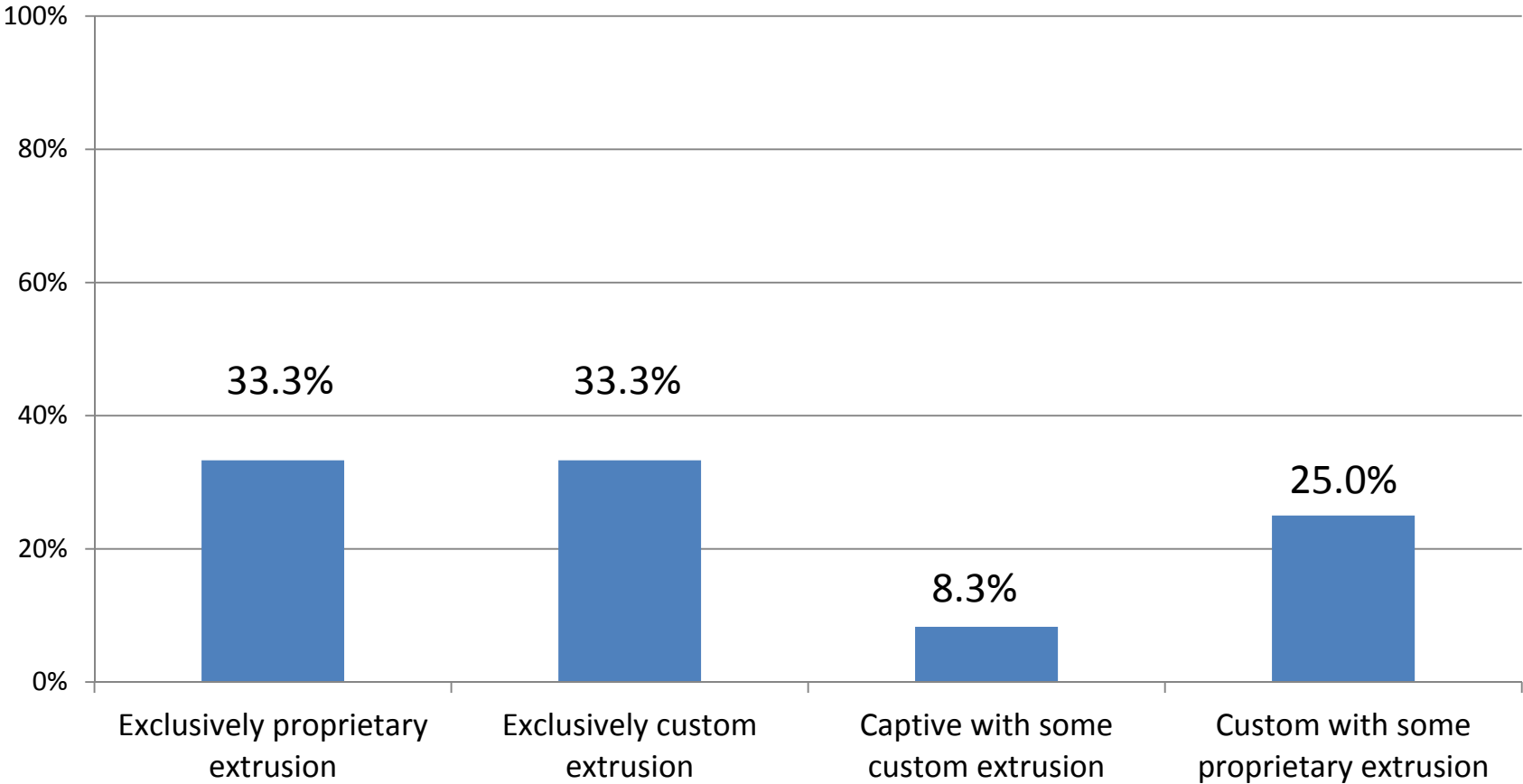


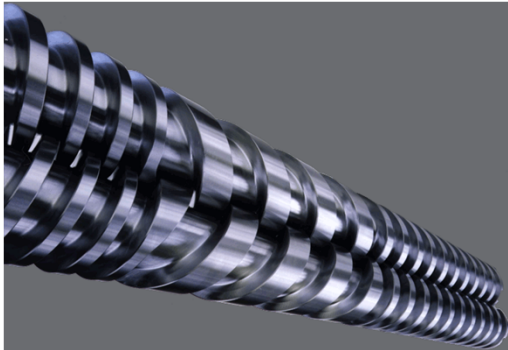


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

2. Which category best describes your plant?

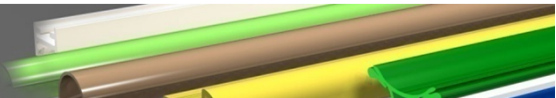
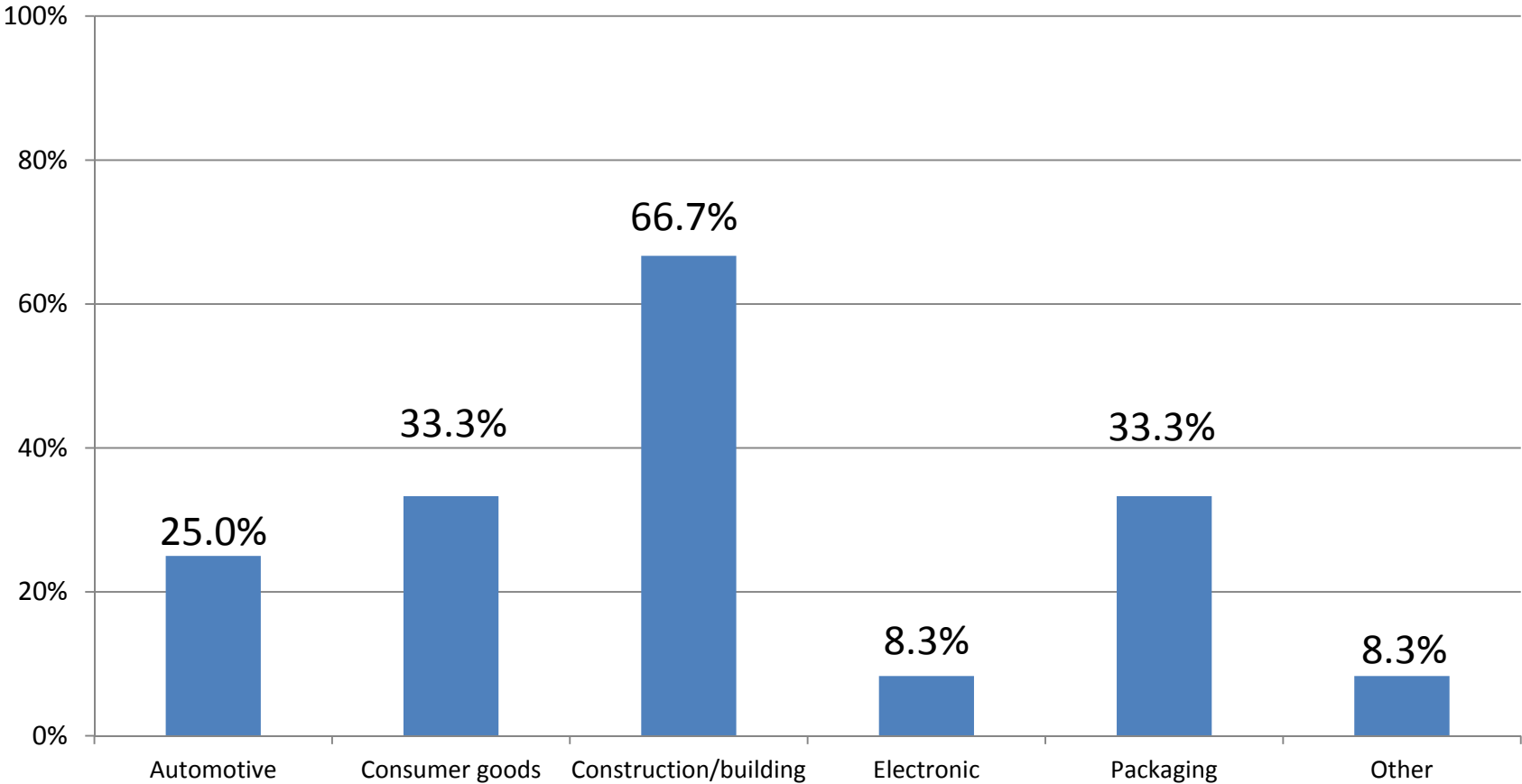


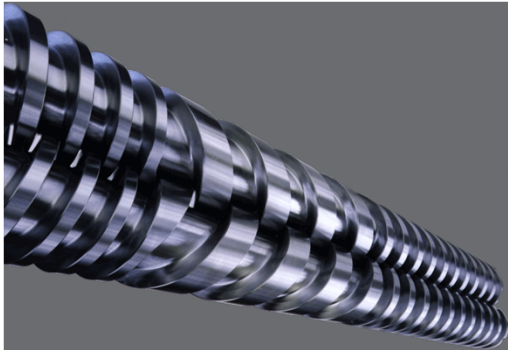


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

3. What market(s) are served by your plant? Check all that apply.

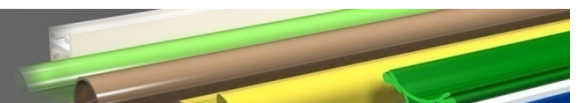
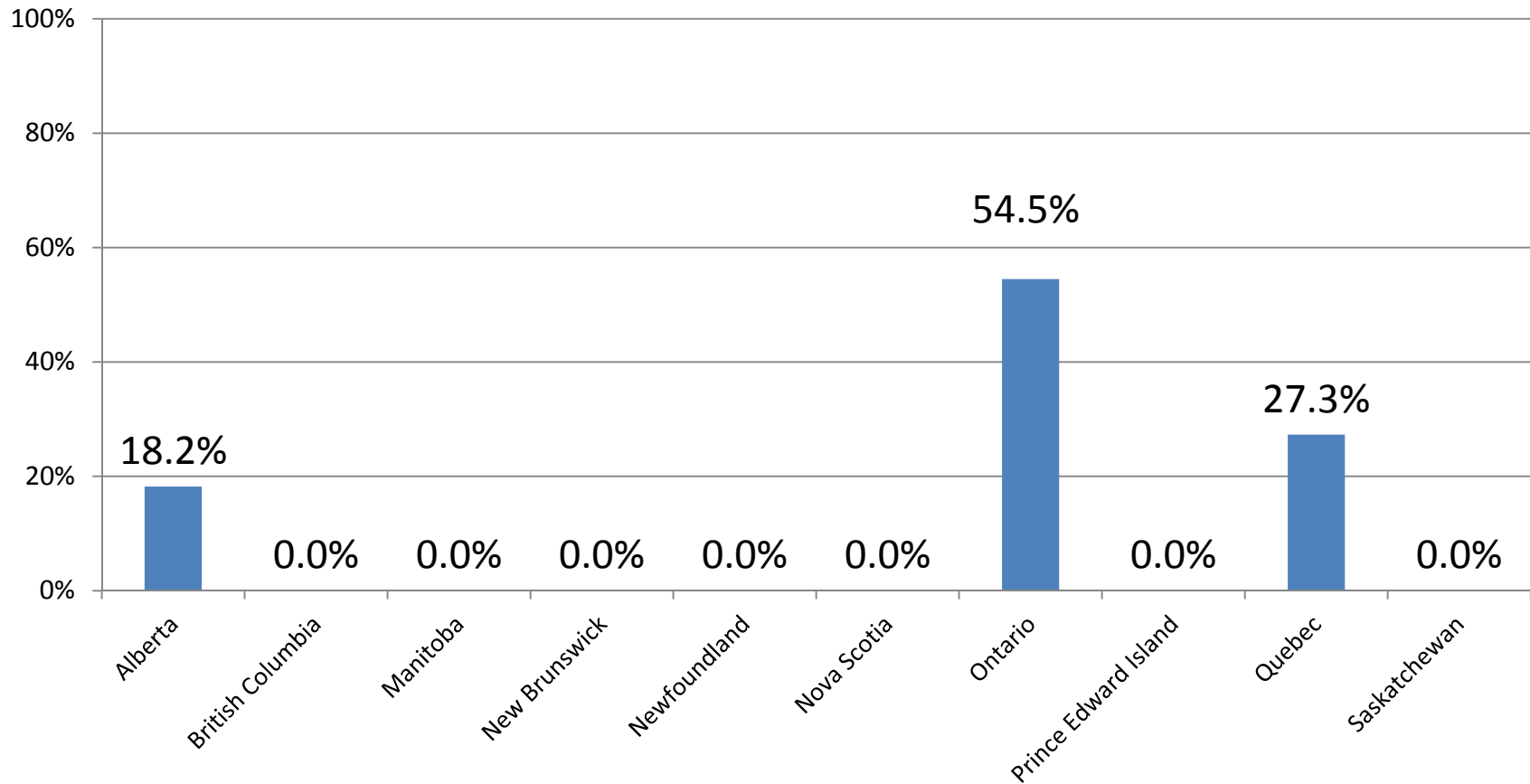


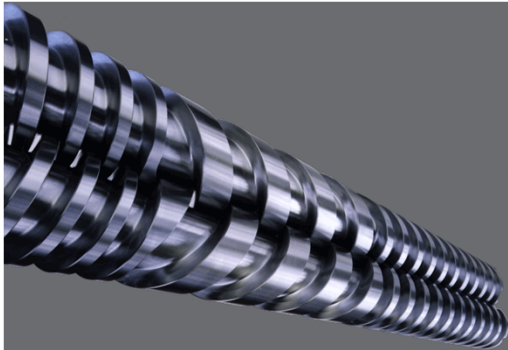


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

4. Where is your plant located?

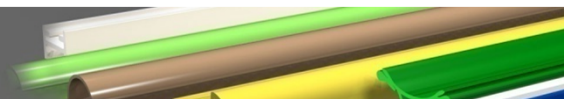
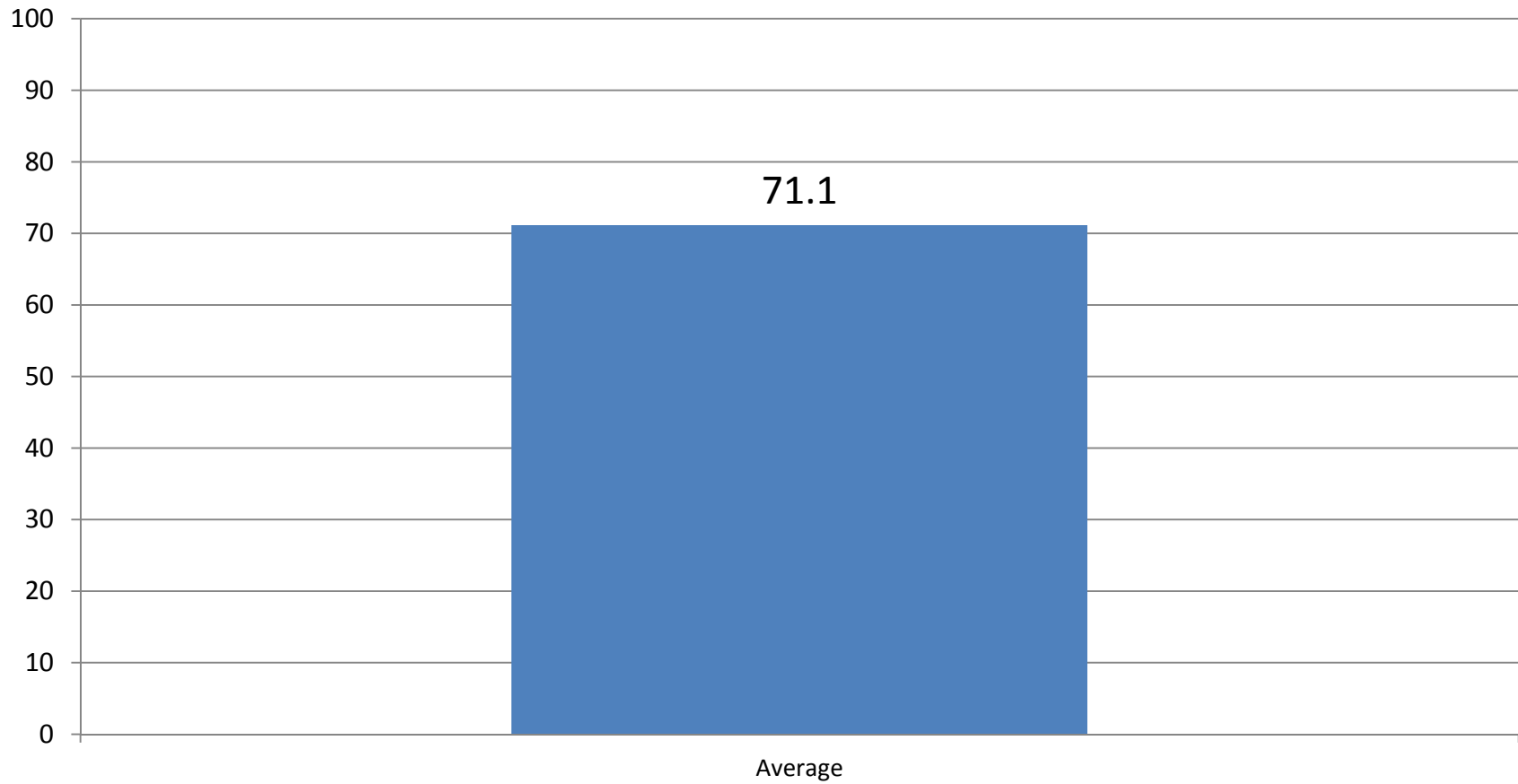


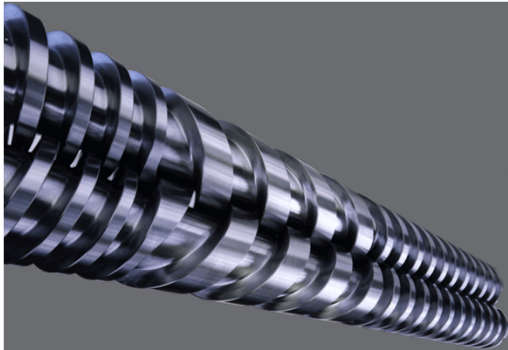


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

5. How many employees are at your plant?

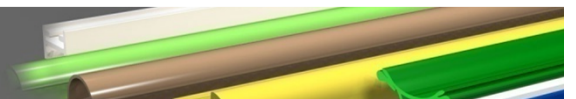
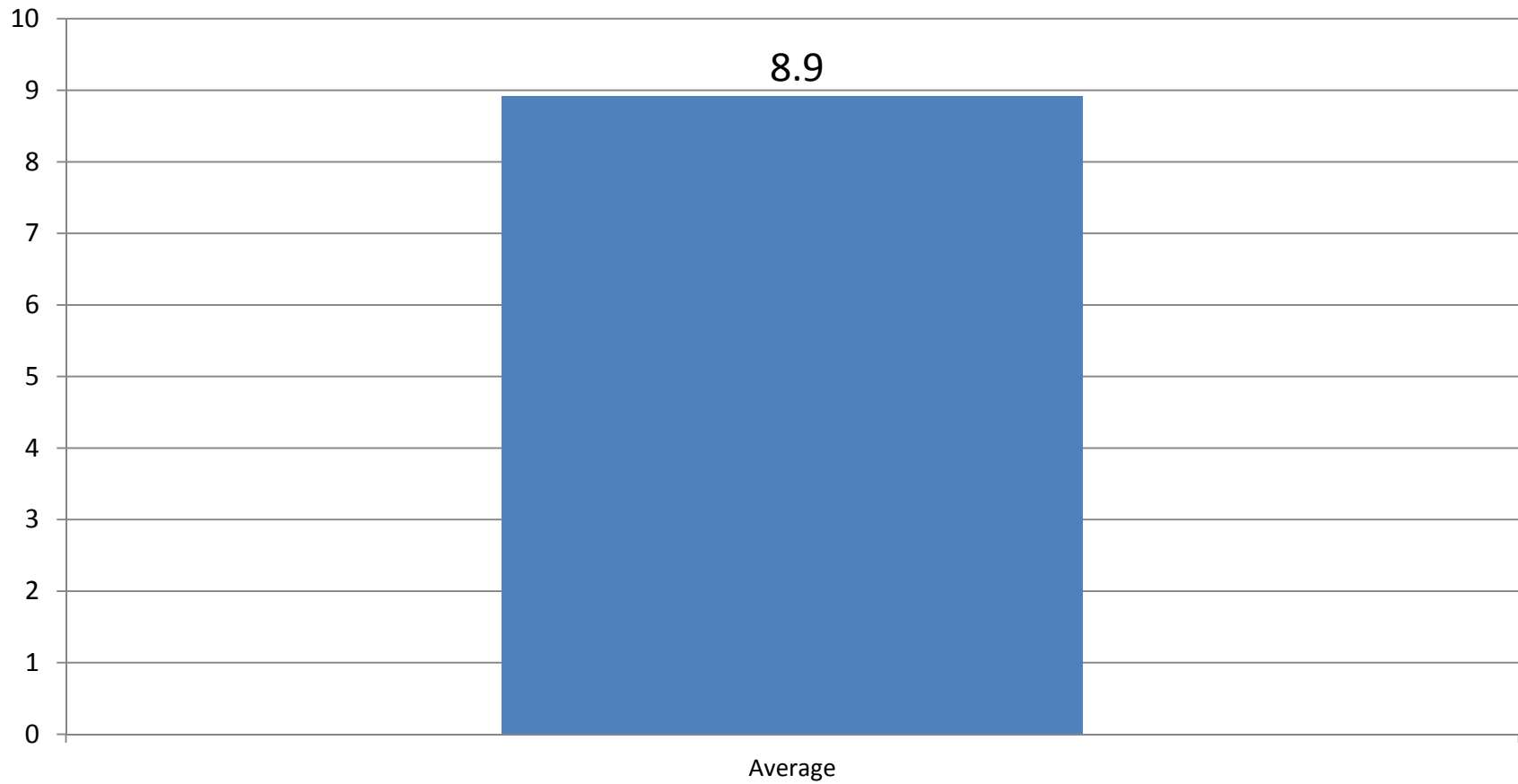


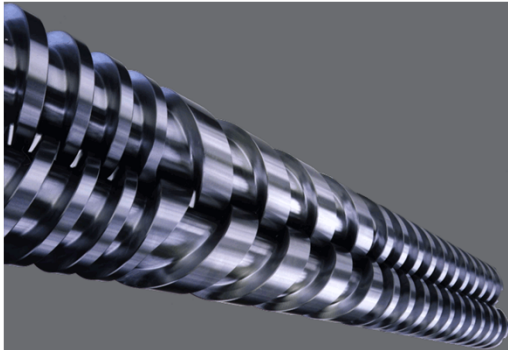


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

6. How many extruders are in your plant?

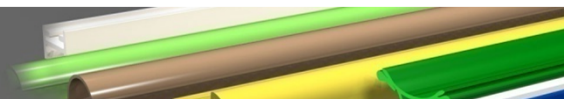
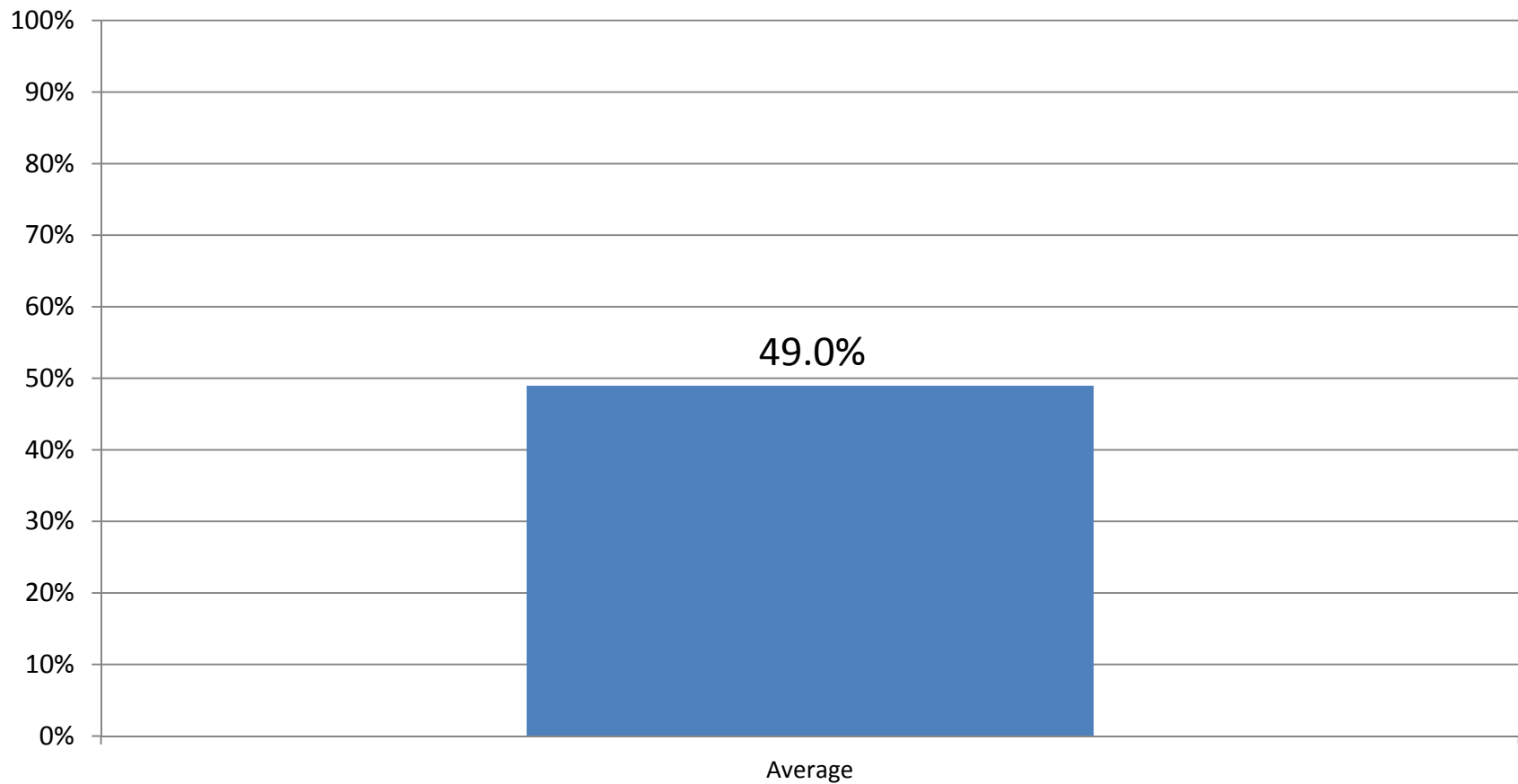


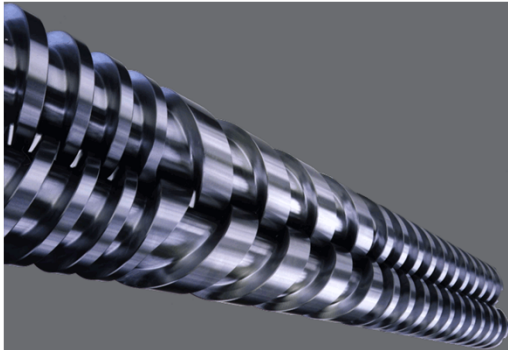


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

7. What percentage of the extruders at your plant are five or more years old?

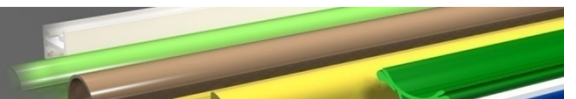
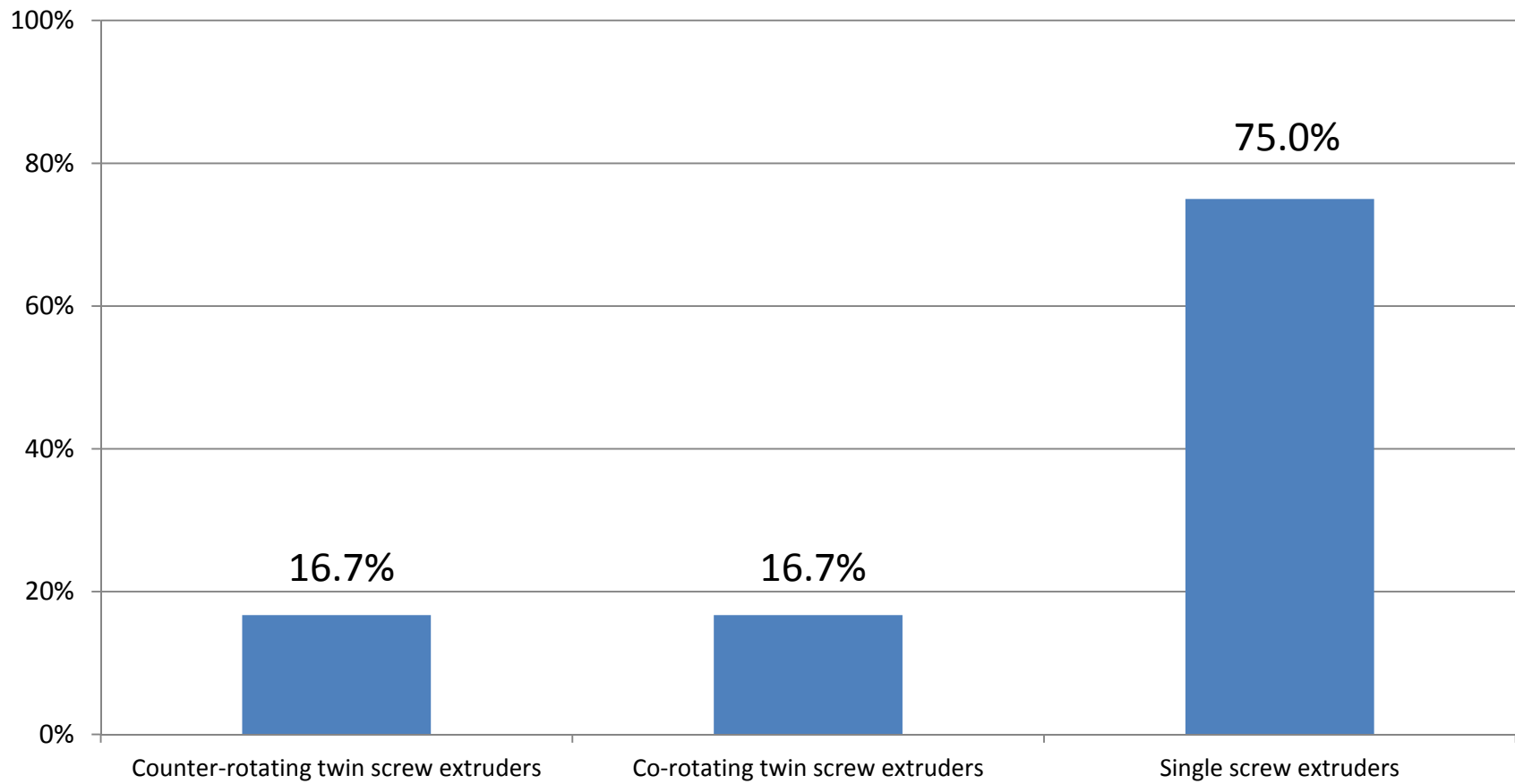


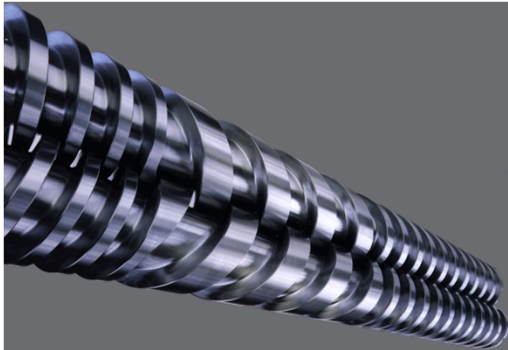


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

8. What types of extruders are used at your plant? Check all that apply.

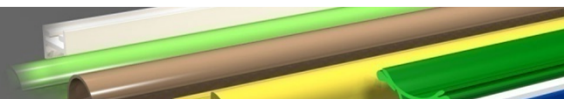
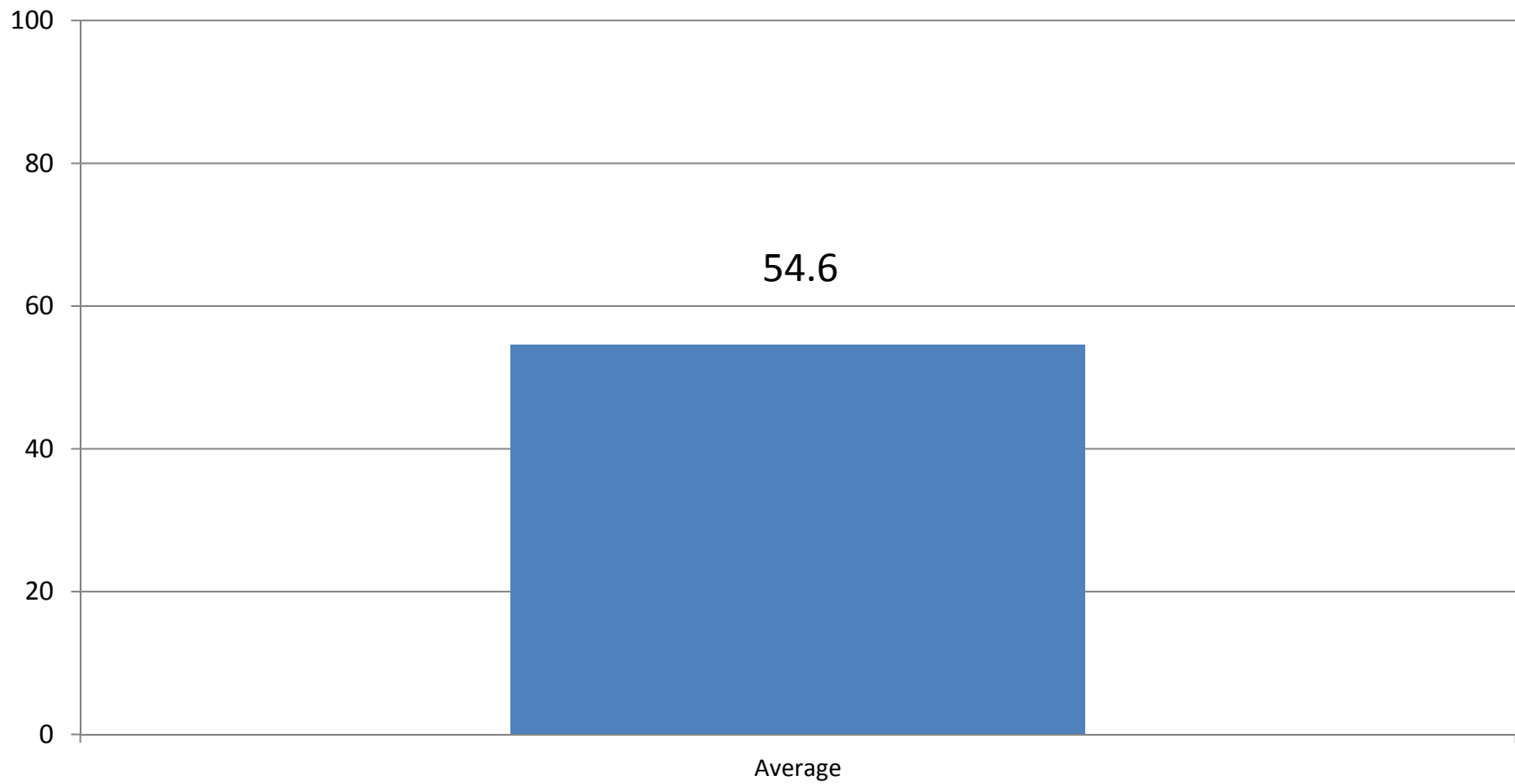


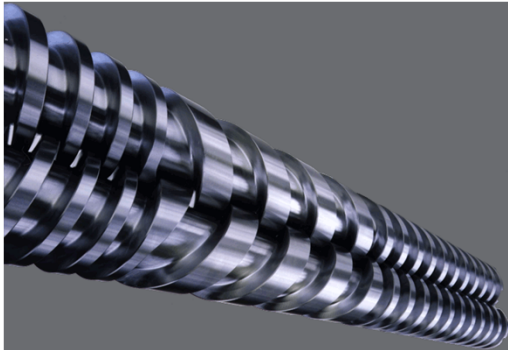


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

9. What was your plant's average machine utilization rate in the past year?

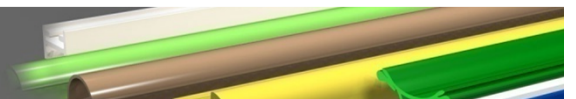
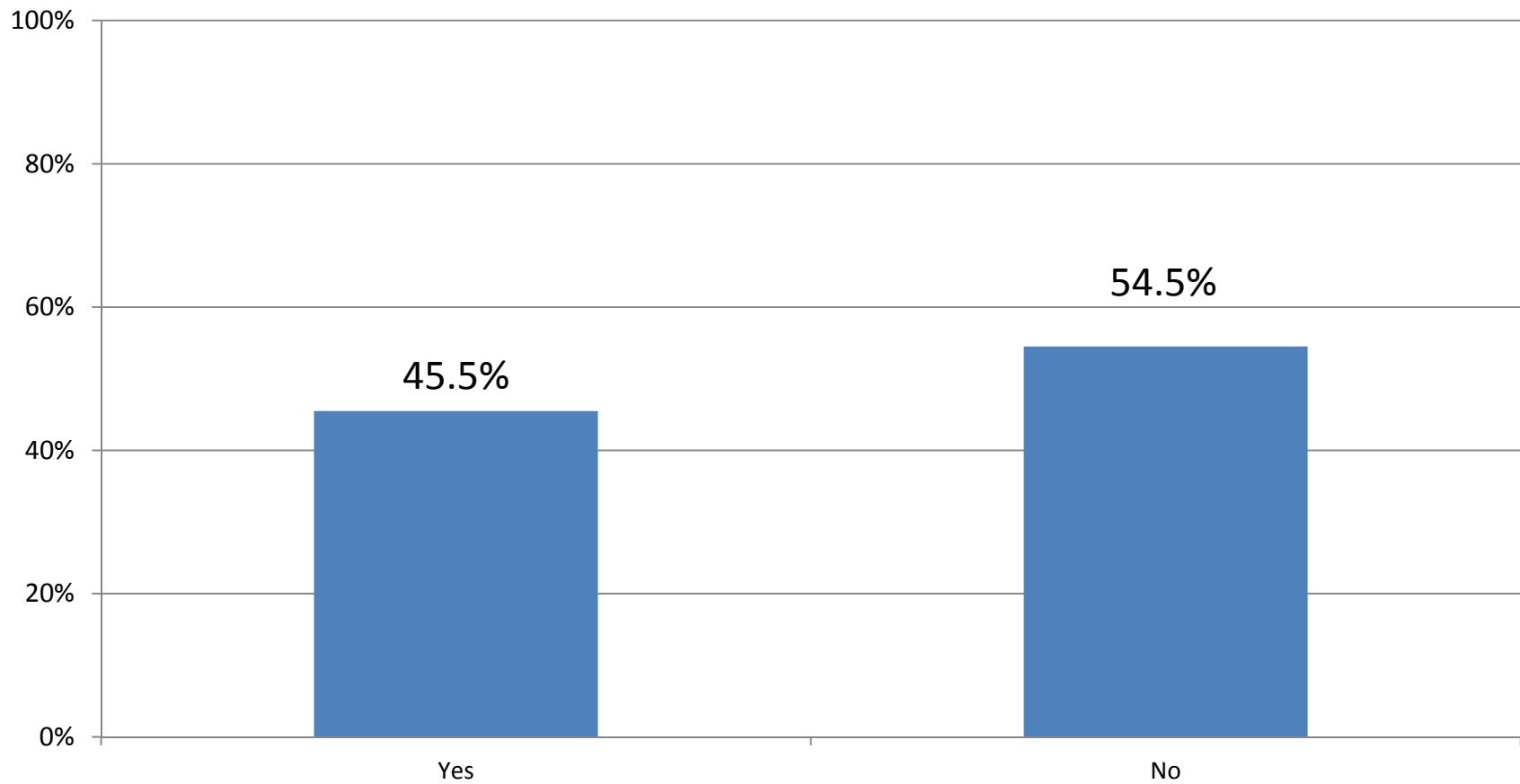


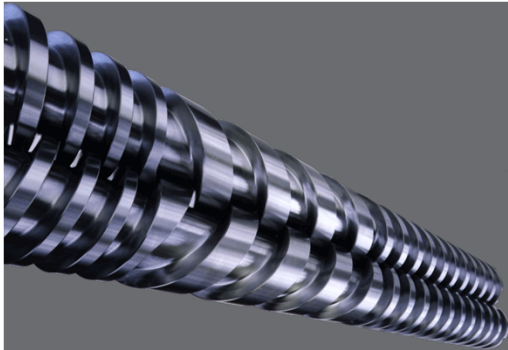


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

10. Does your plant plan to purchase new extruder(s) within the next year?

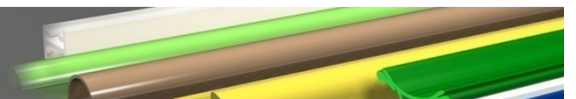
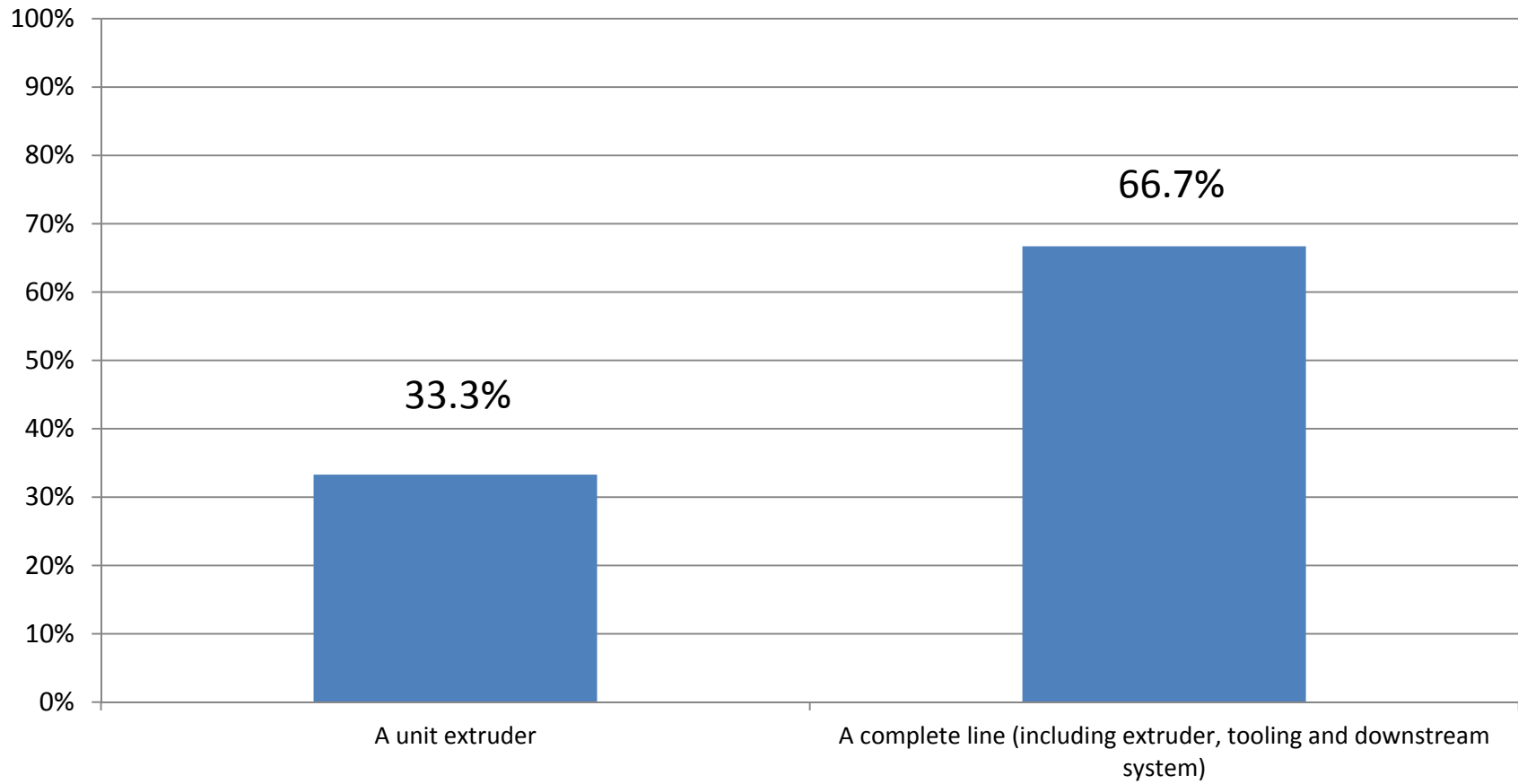


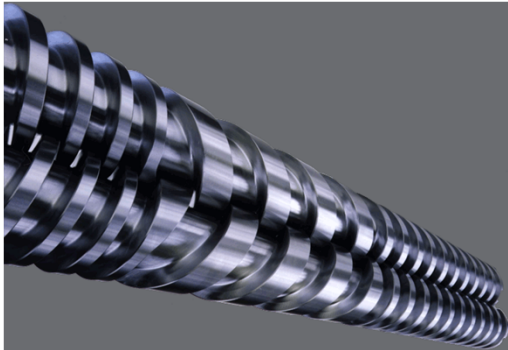


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

11. Are you more likely to buy:

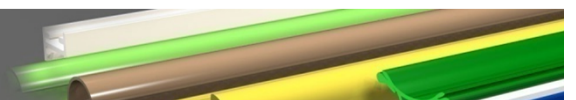
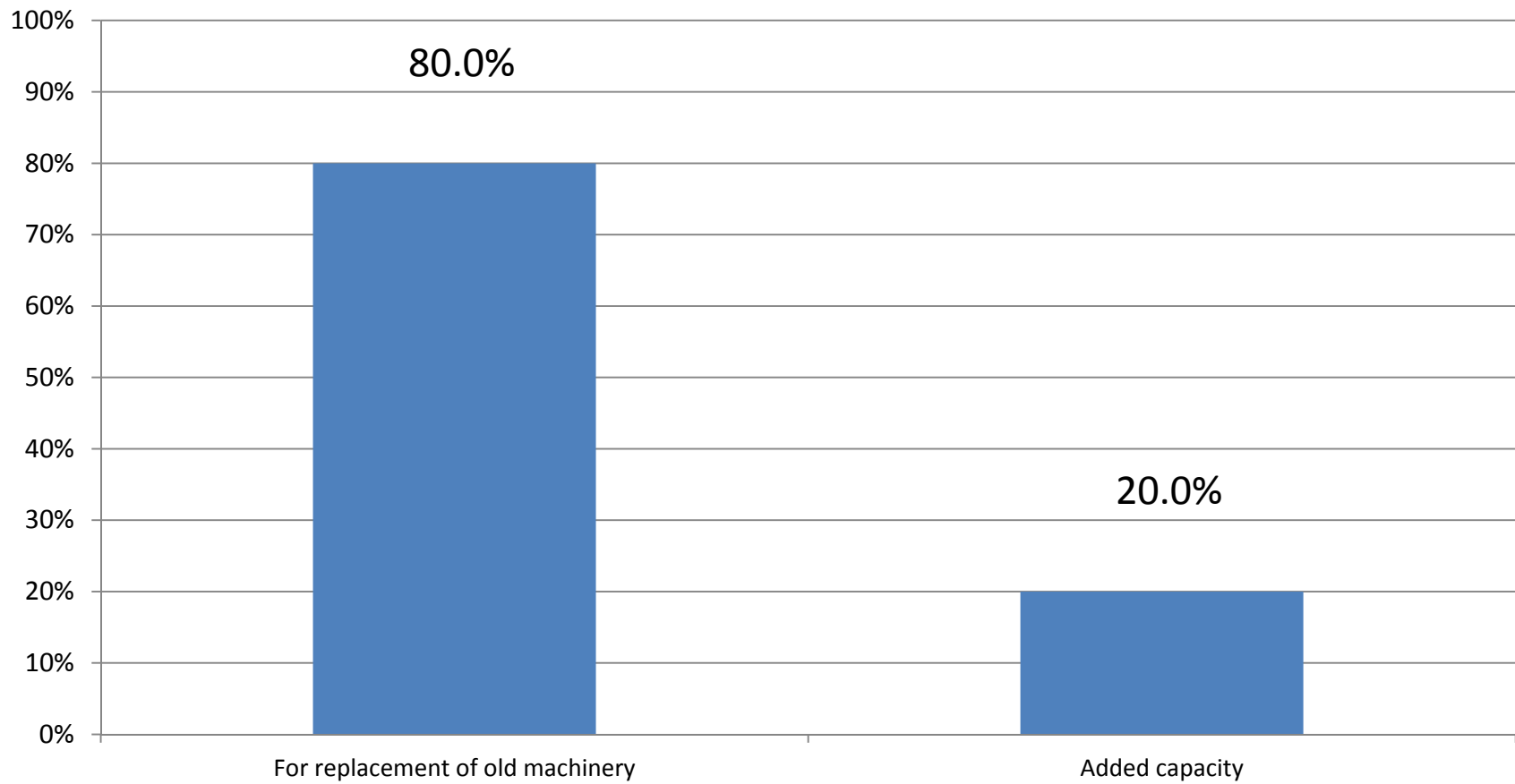


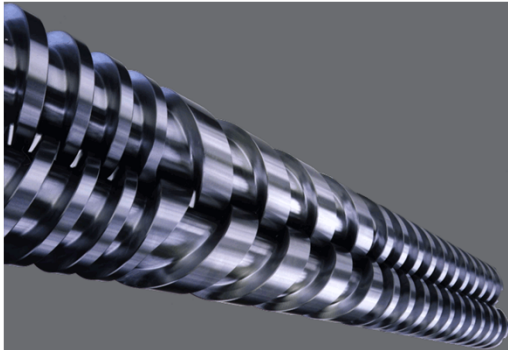


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

12. Is the planned purchase of new extruder(s):

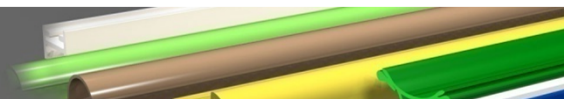
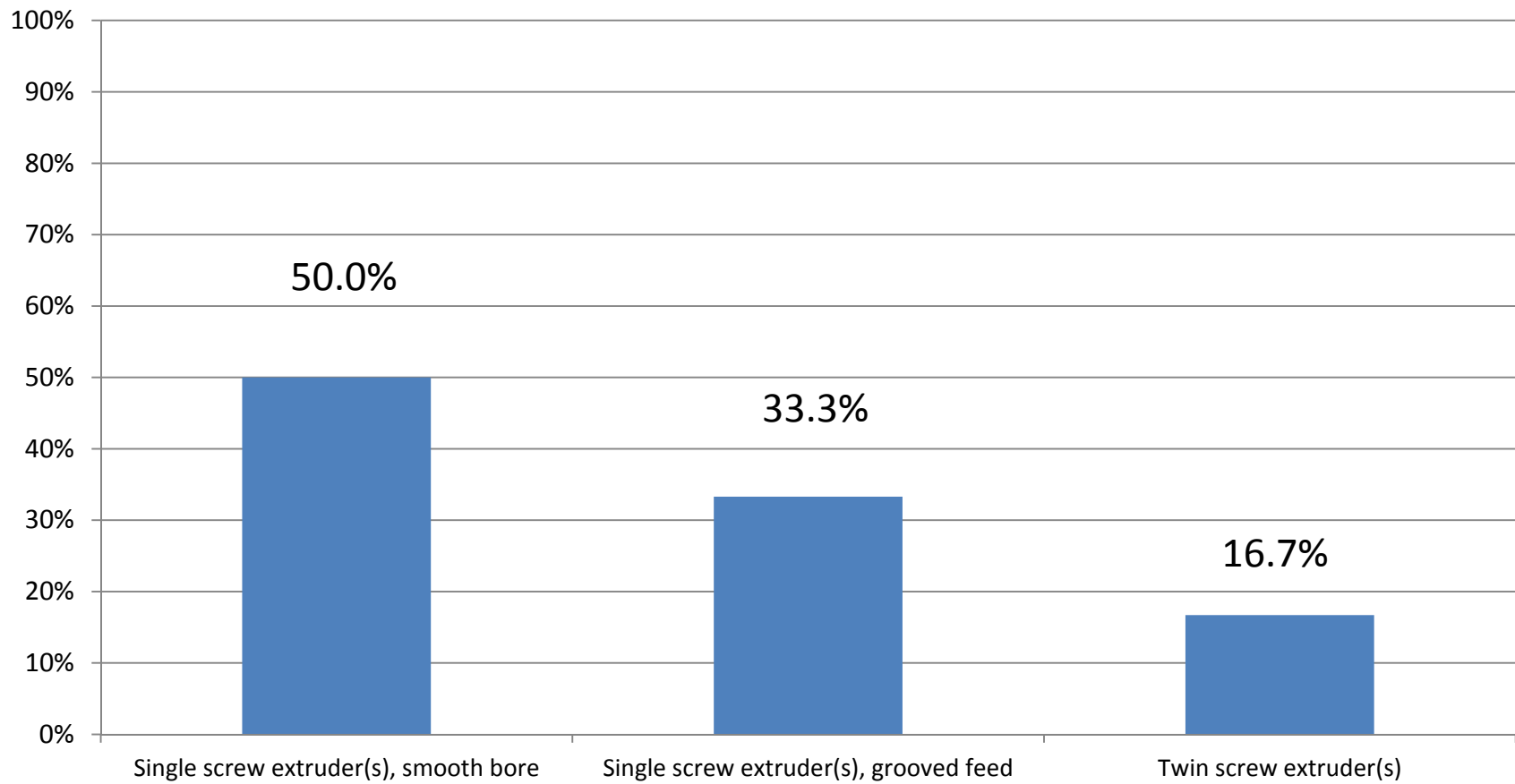


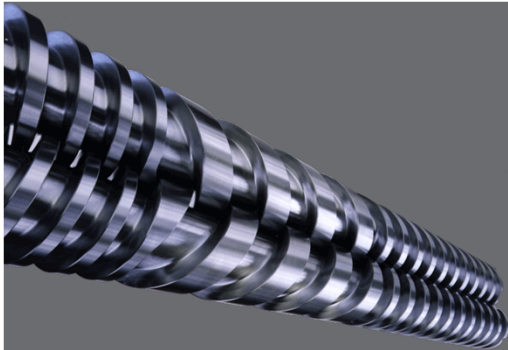


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

13. Will the planned purchase of new extruder(s) be:

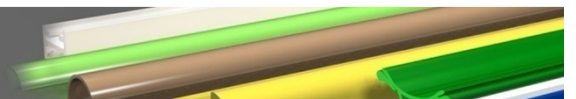
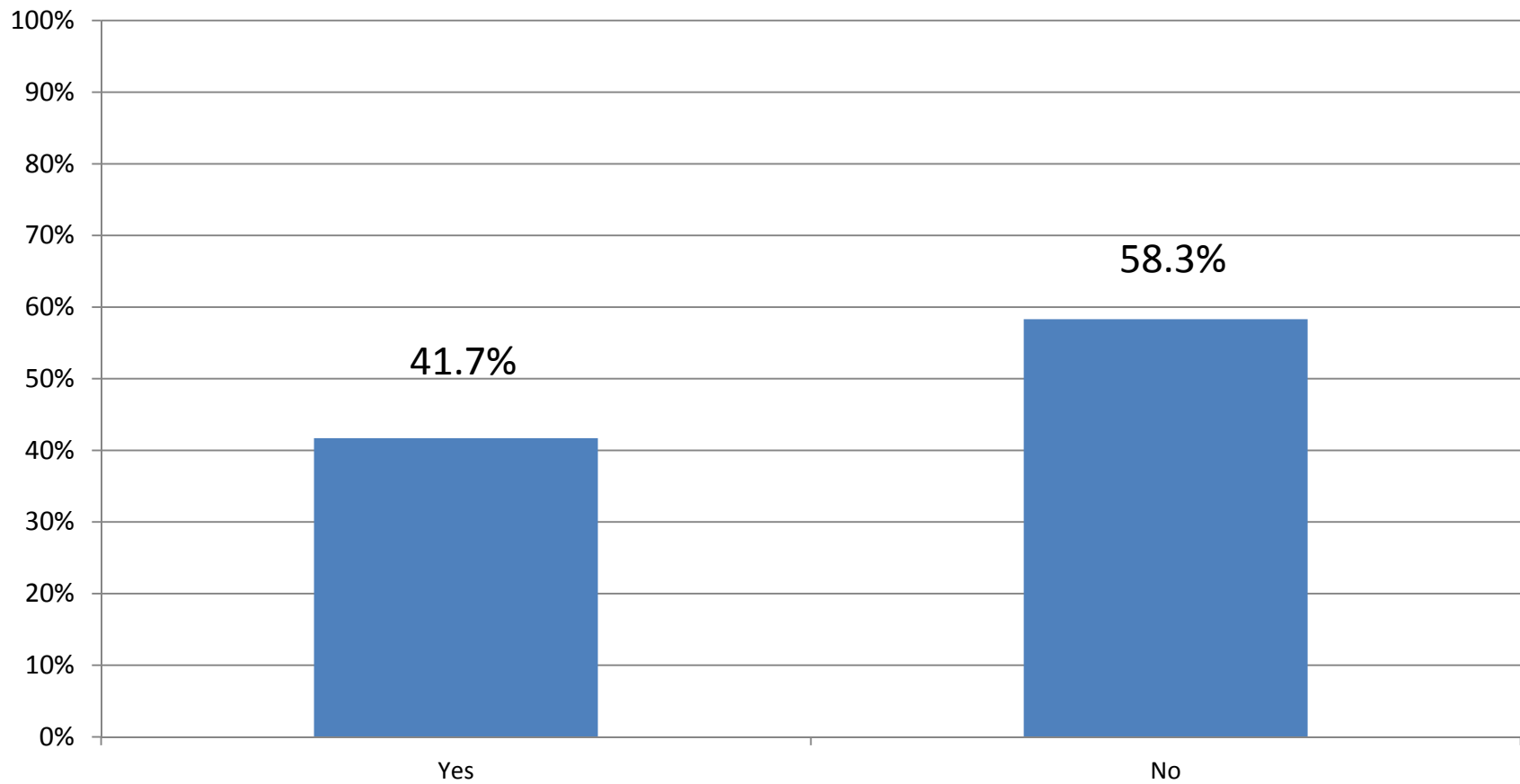


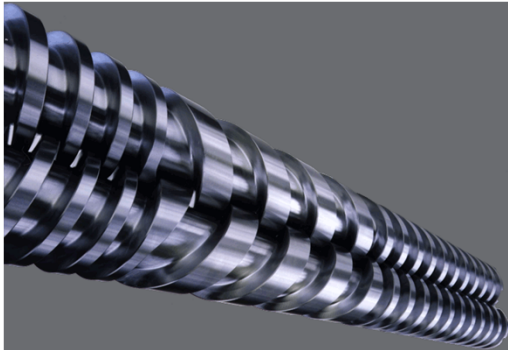


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

14. Did your plant purchase a new extruder(s) within the past year?

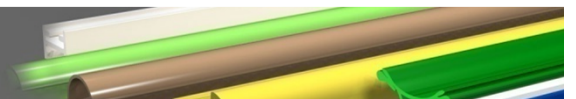
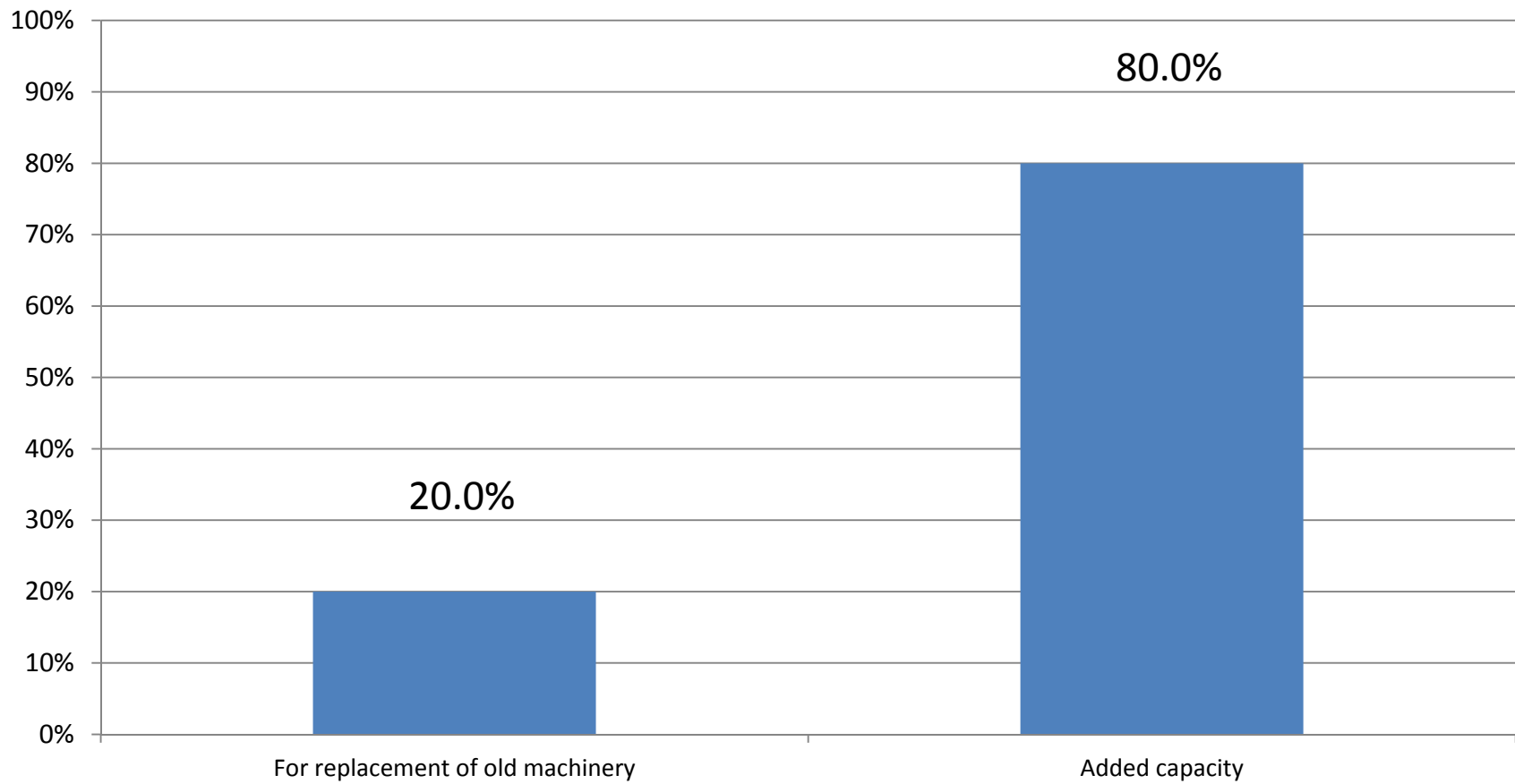


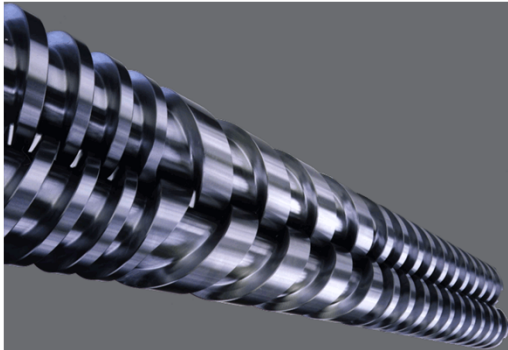


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

15. Was the purchase of new extruder(s):

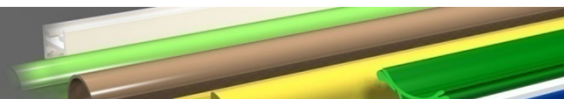
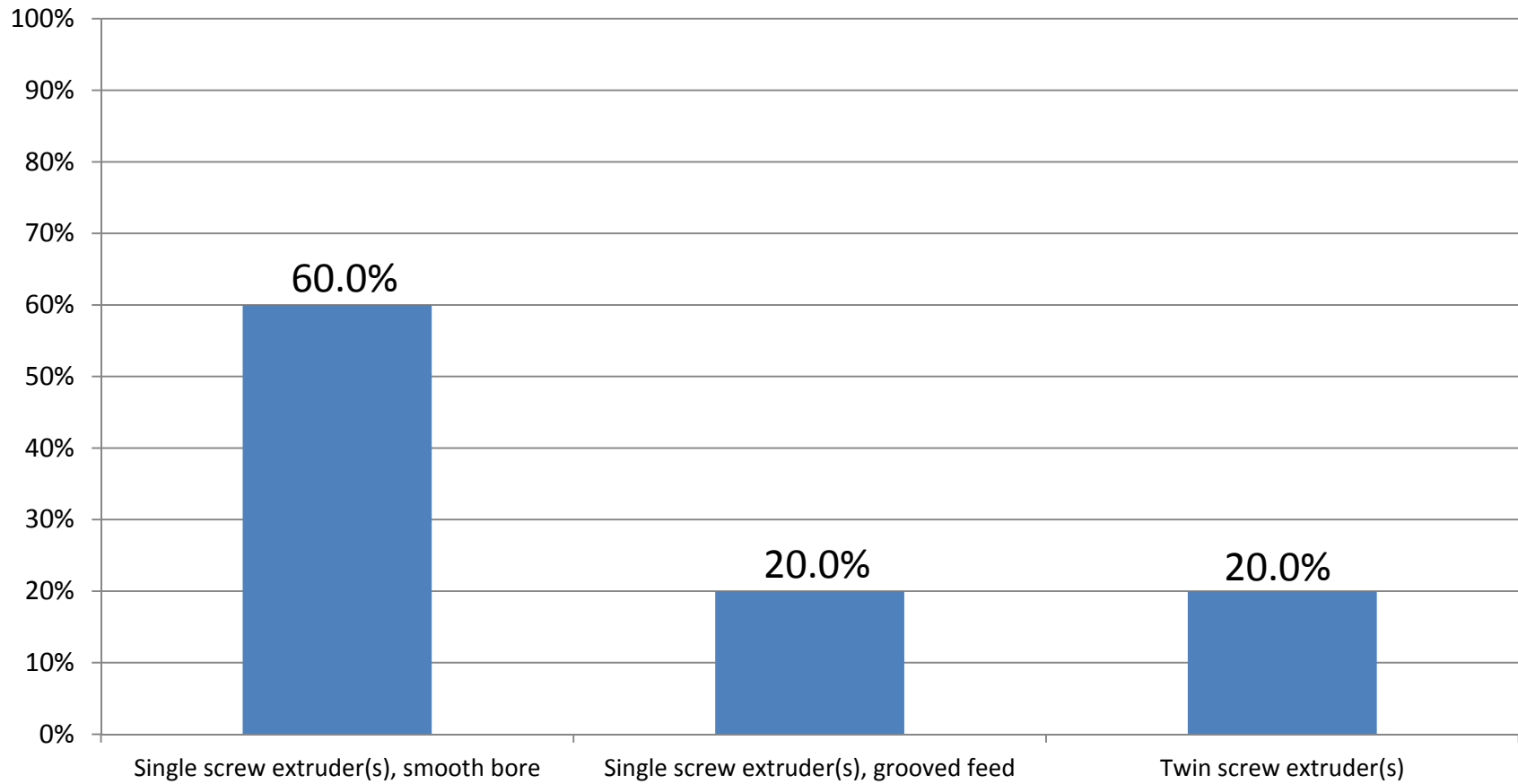


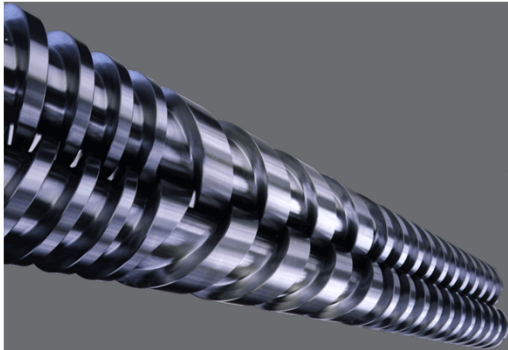


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

16. Was the purchase of new extruder(s):

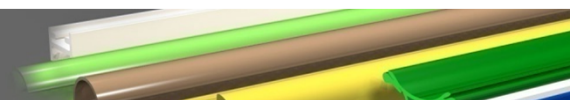
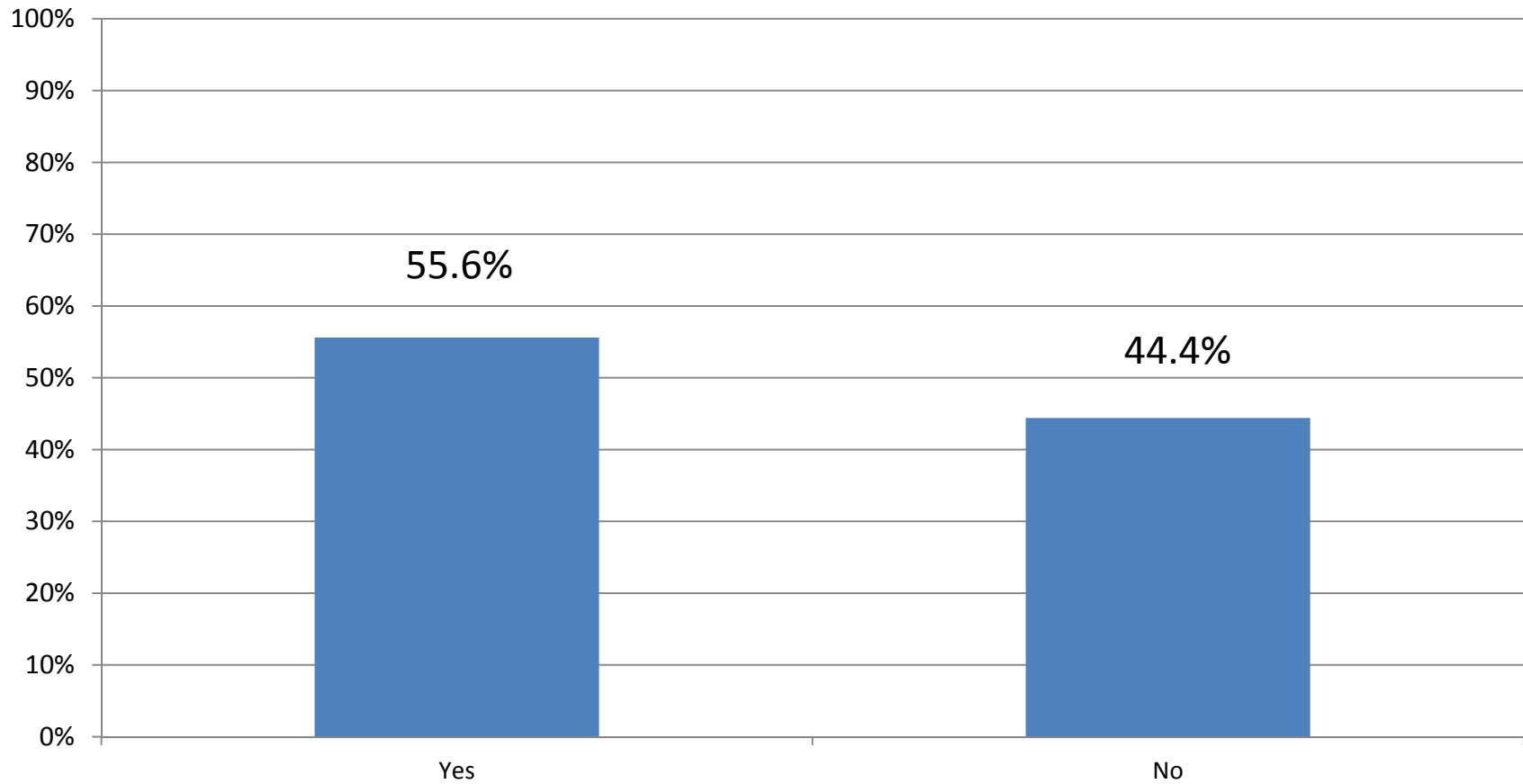


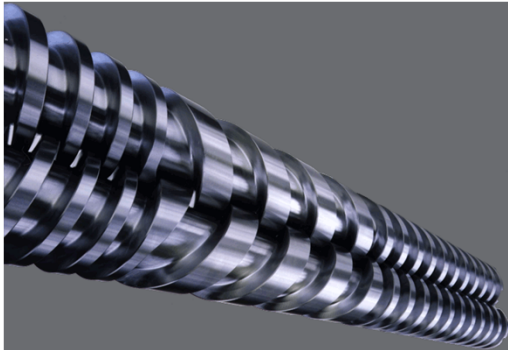


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

17. Does your plant plan to purchase new downstream extrusion equipment (e.g. sizing troughs, pullers, saws) within the next year?

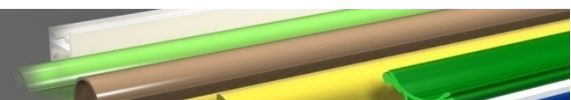
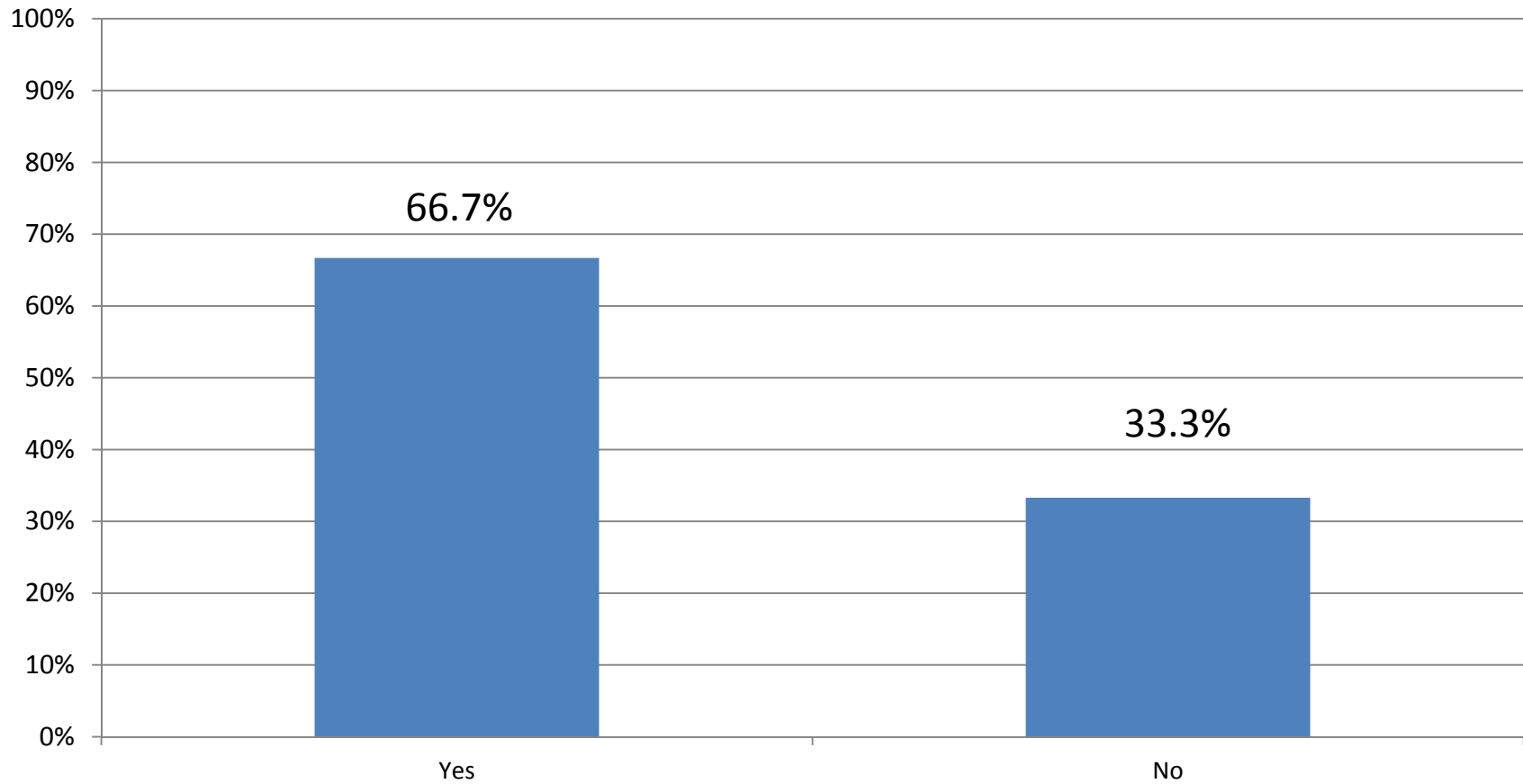


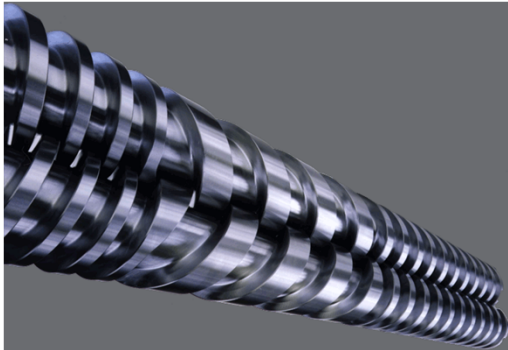


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

18. Did your plant purchase new downstream extrusion equipment within the past year?

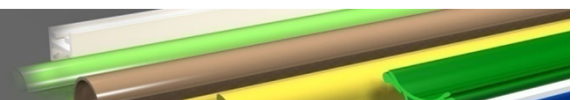
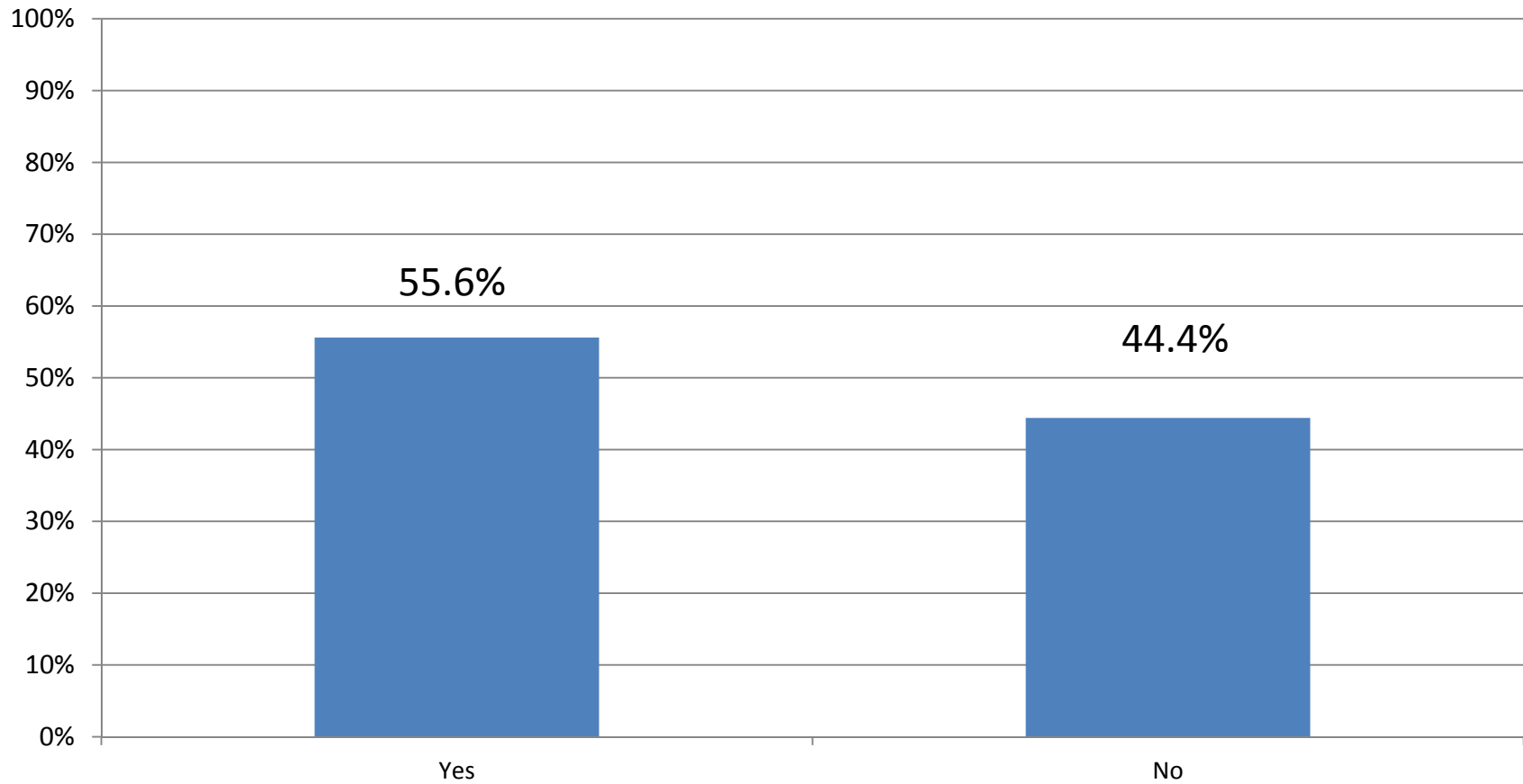


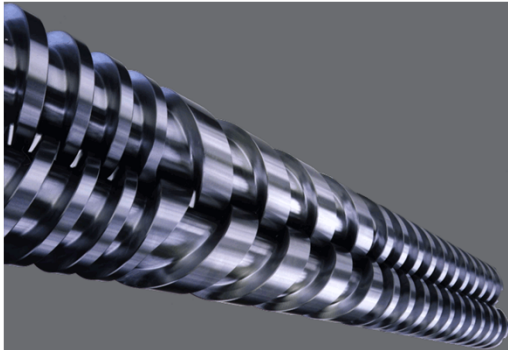


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

19. Does your plant plan to purchase new auxiliary equipment (e.g. materials handling equipment, chillers) within the next year?

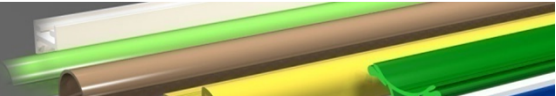
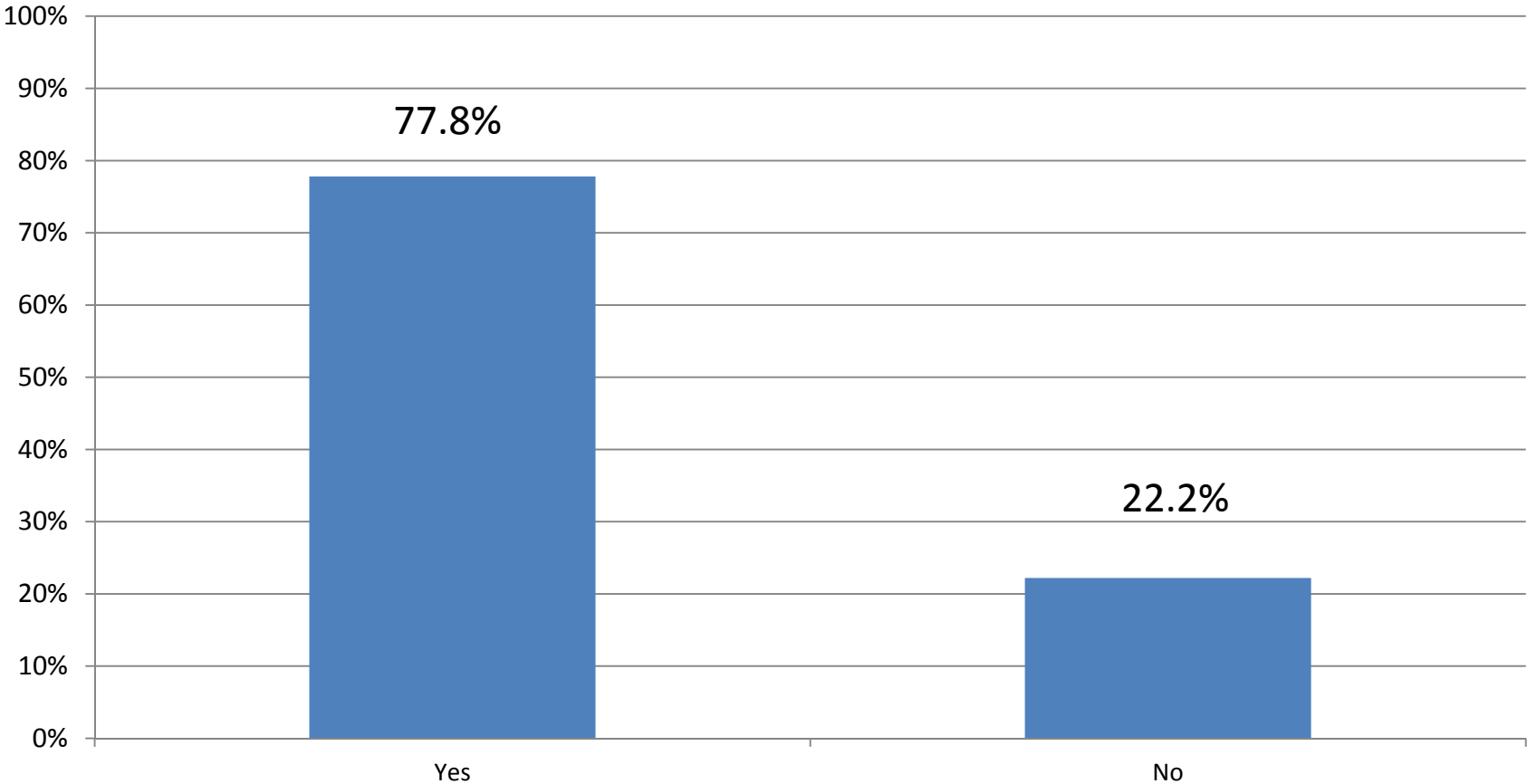


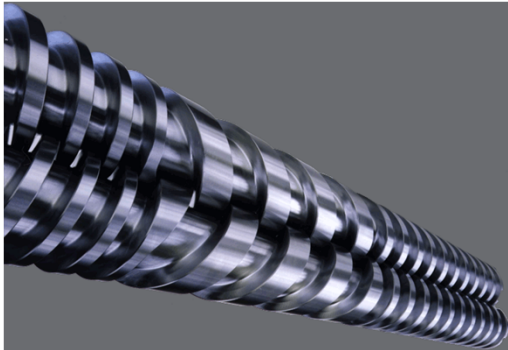


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

20. Did your plant purchase new auxiliary equipment within the past year?

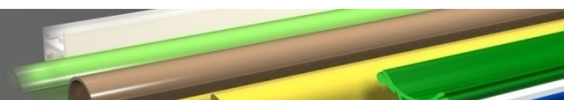
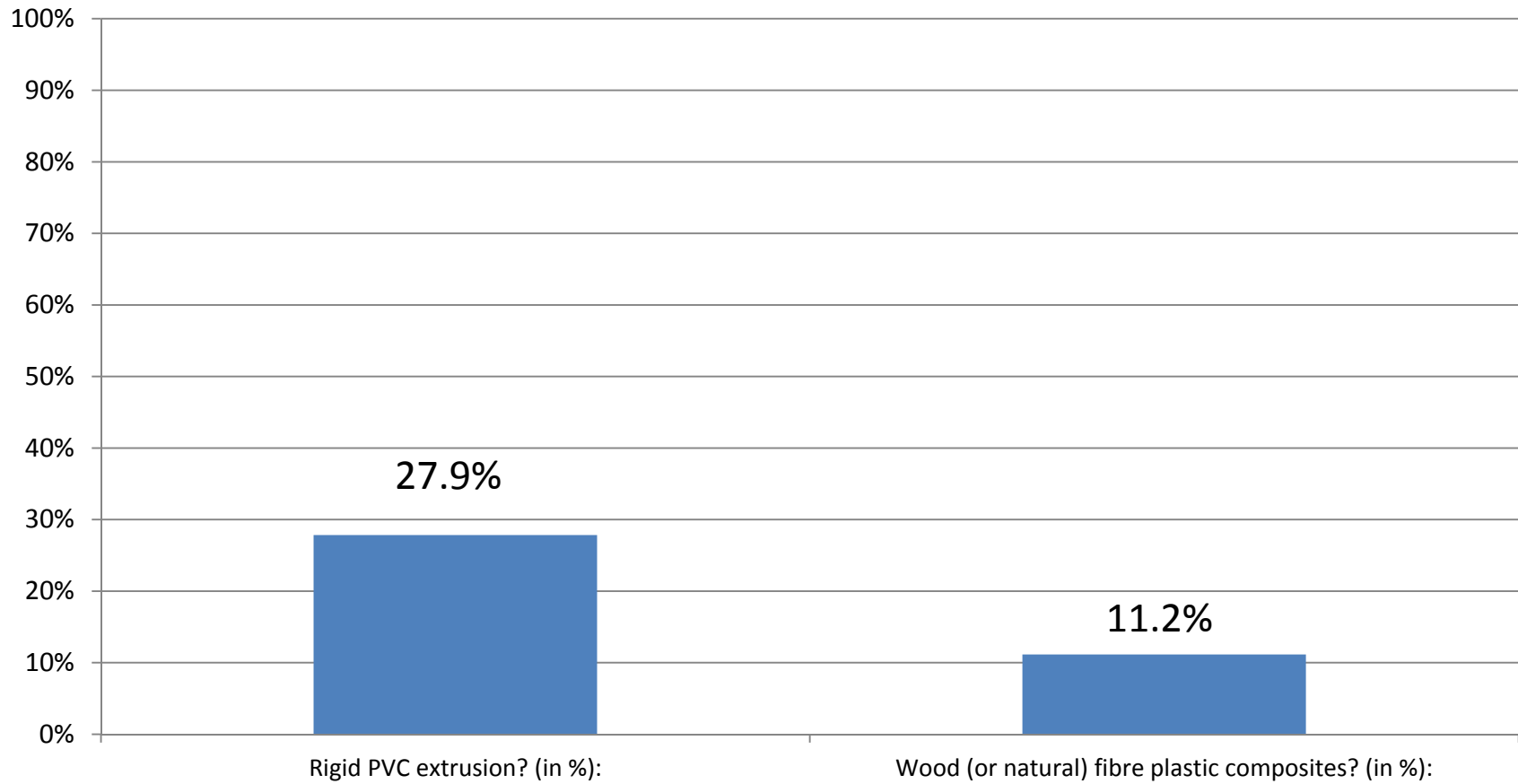


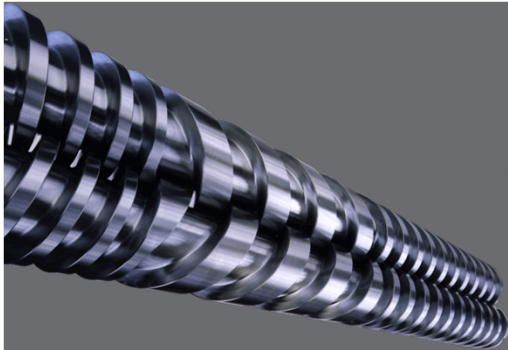


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

21. How much of your capacity is used for (please enter a percentage)  
(Average)

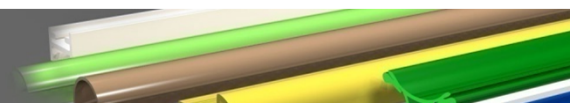
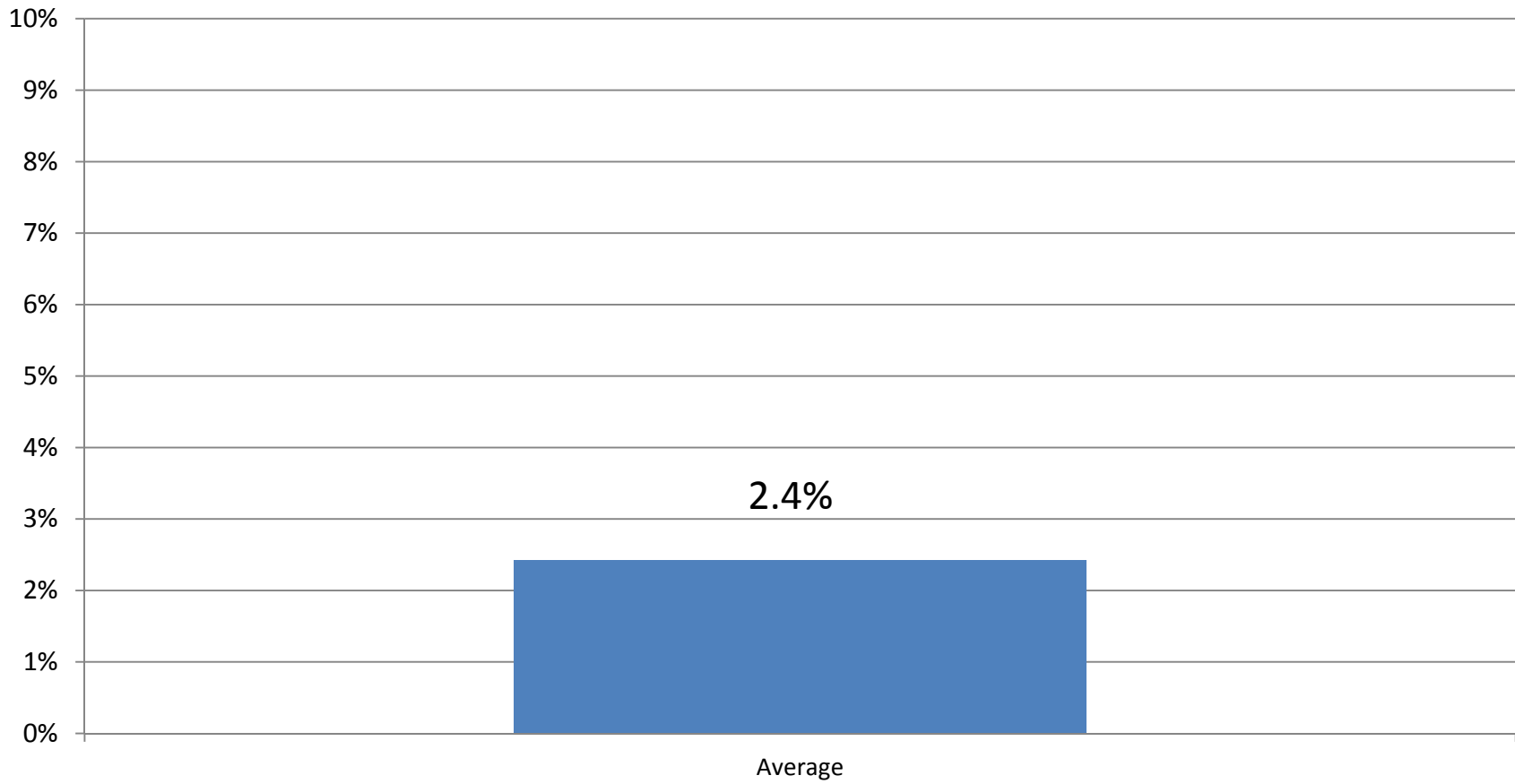


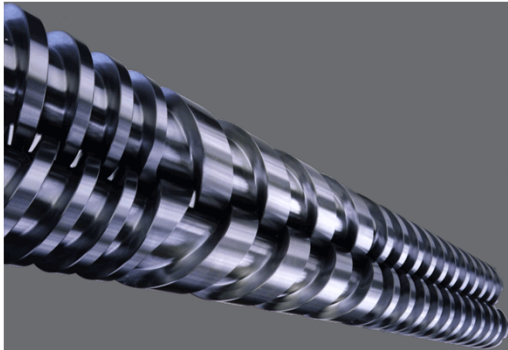


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

22. What percentage of your plant's 2009 budgeted expenses is allocated to employee training?

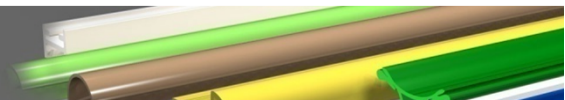
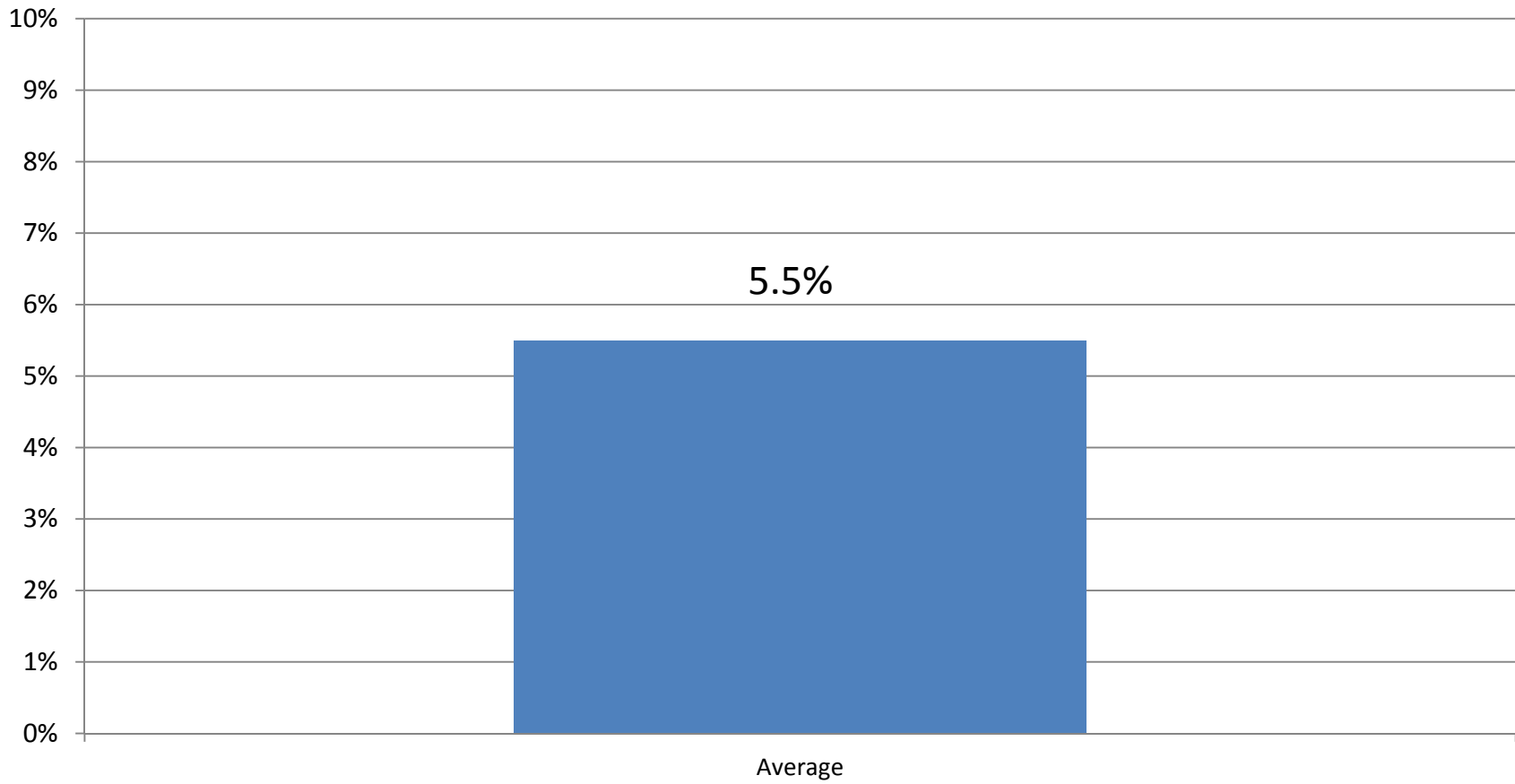




# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

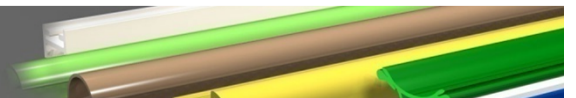
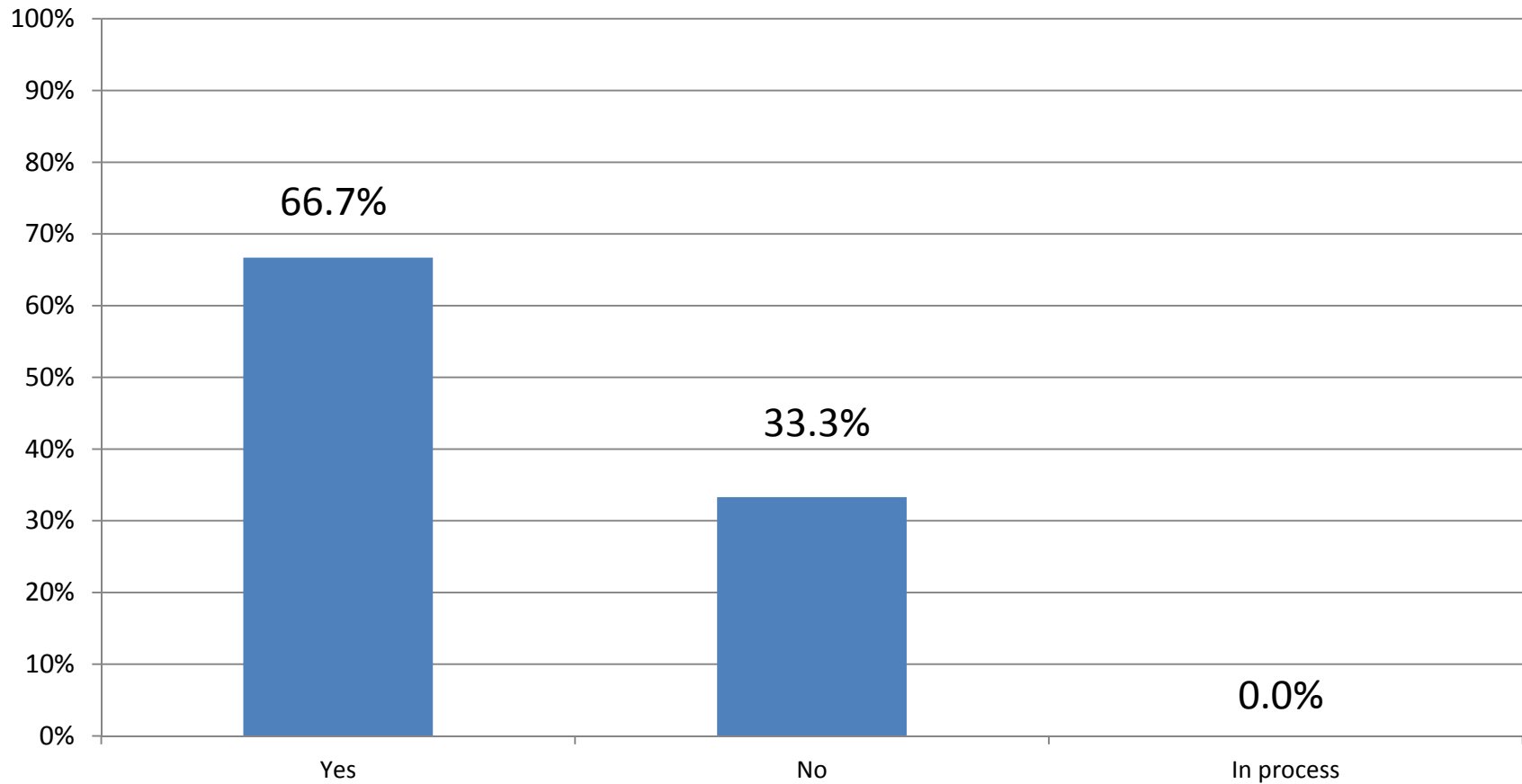
23. What percentage of your plant's 2009 budgeted expenses is allocated to product R&D?

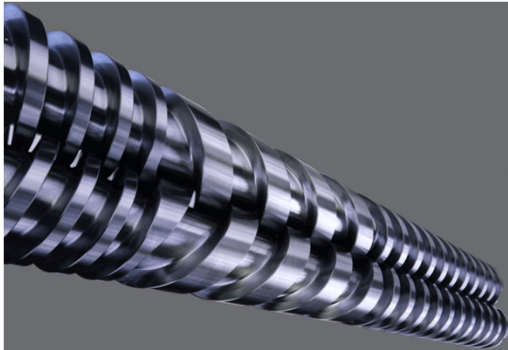


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

24. Does your plant have ISO or QS9000 Certification?

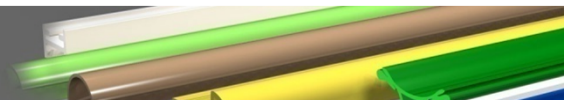
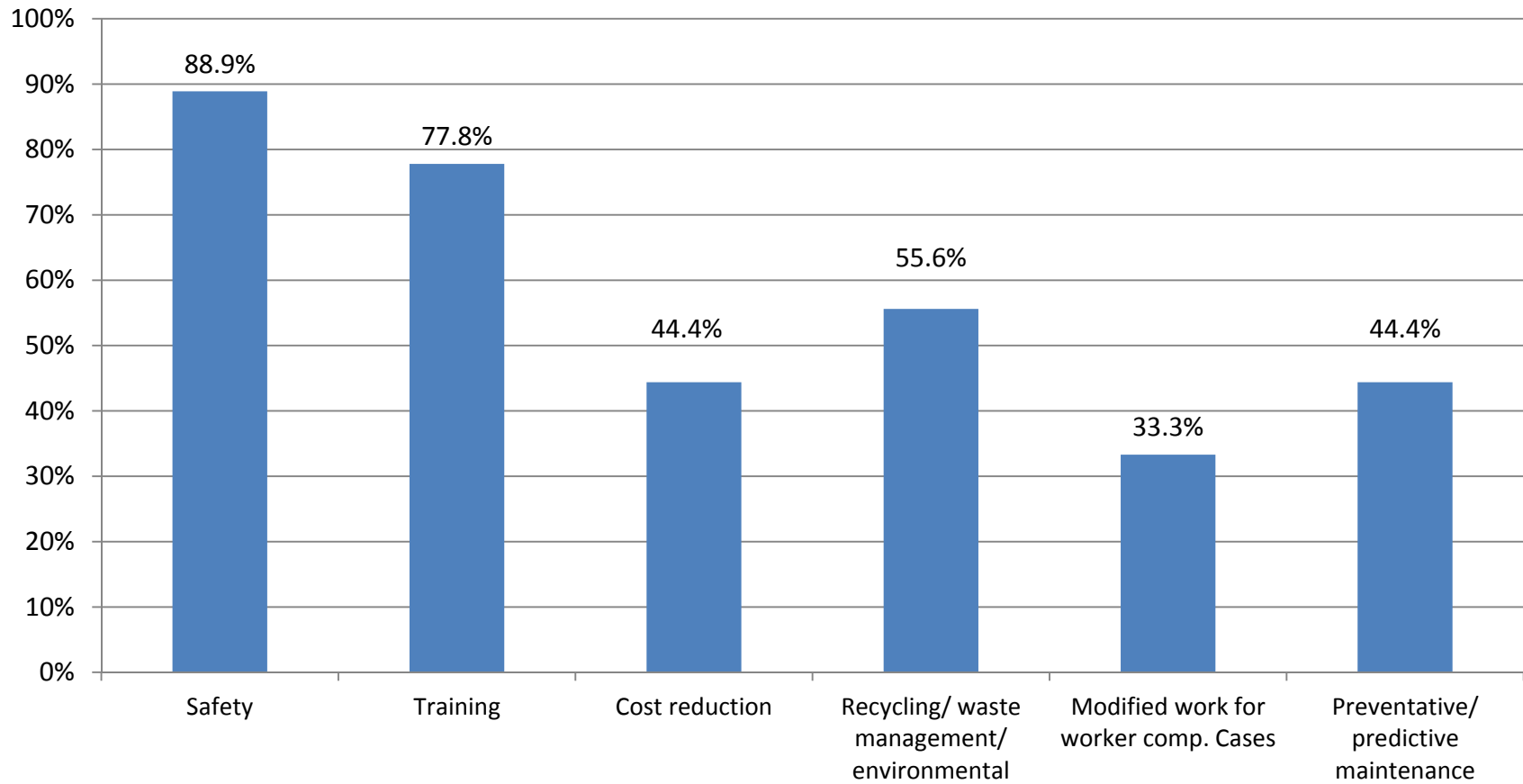


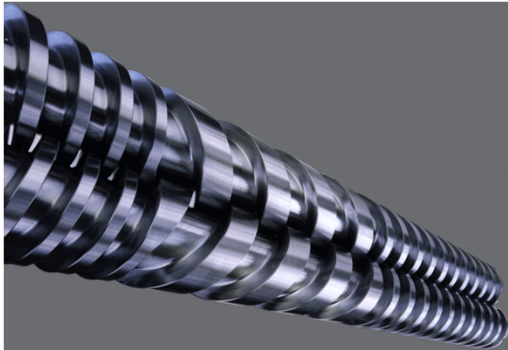


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

25. Does your plant have formal policies and programs in these areas? Check all that apply:

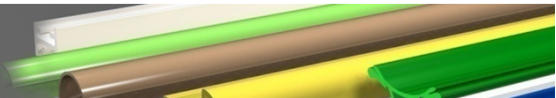
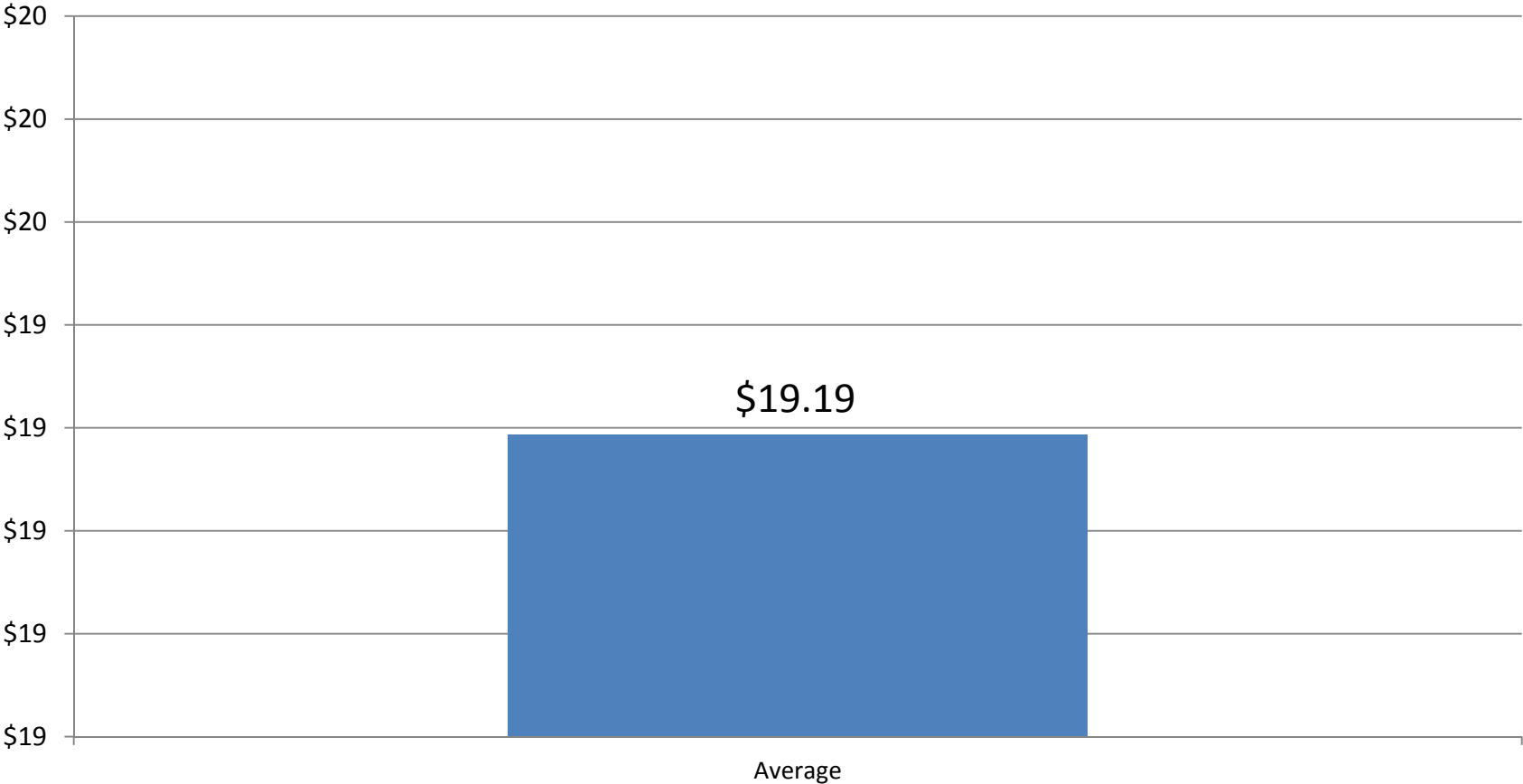


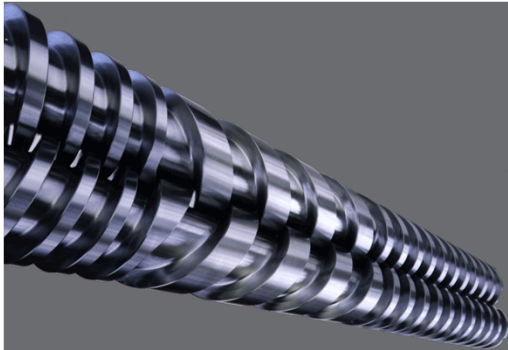


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

26. What your average hourly rate paid to machine operators, excluding benefits, at your plant?

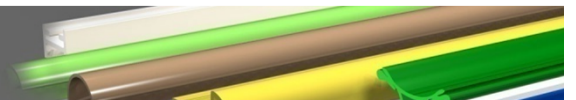
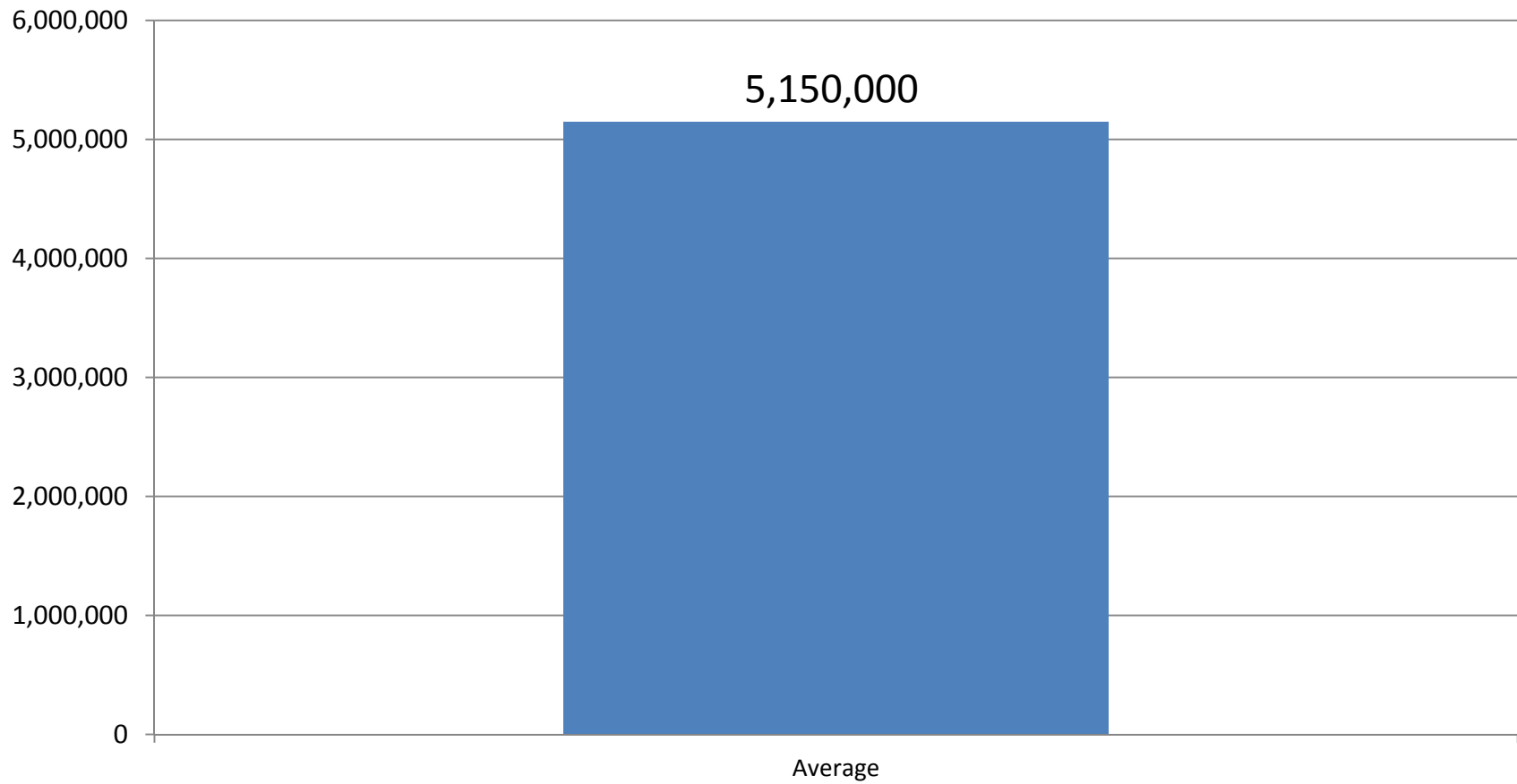


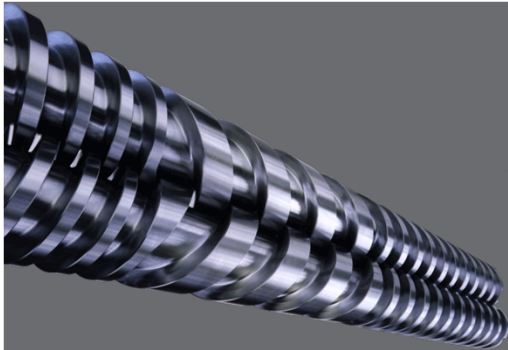


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

27. What was the actual amount of resin consumed by your plant in 2008 in lbs.?

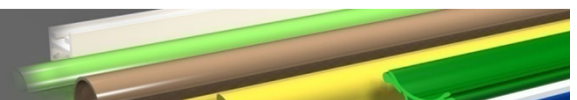
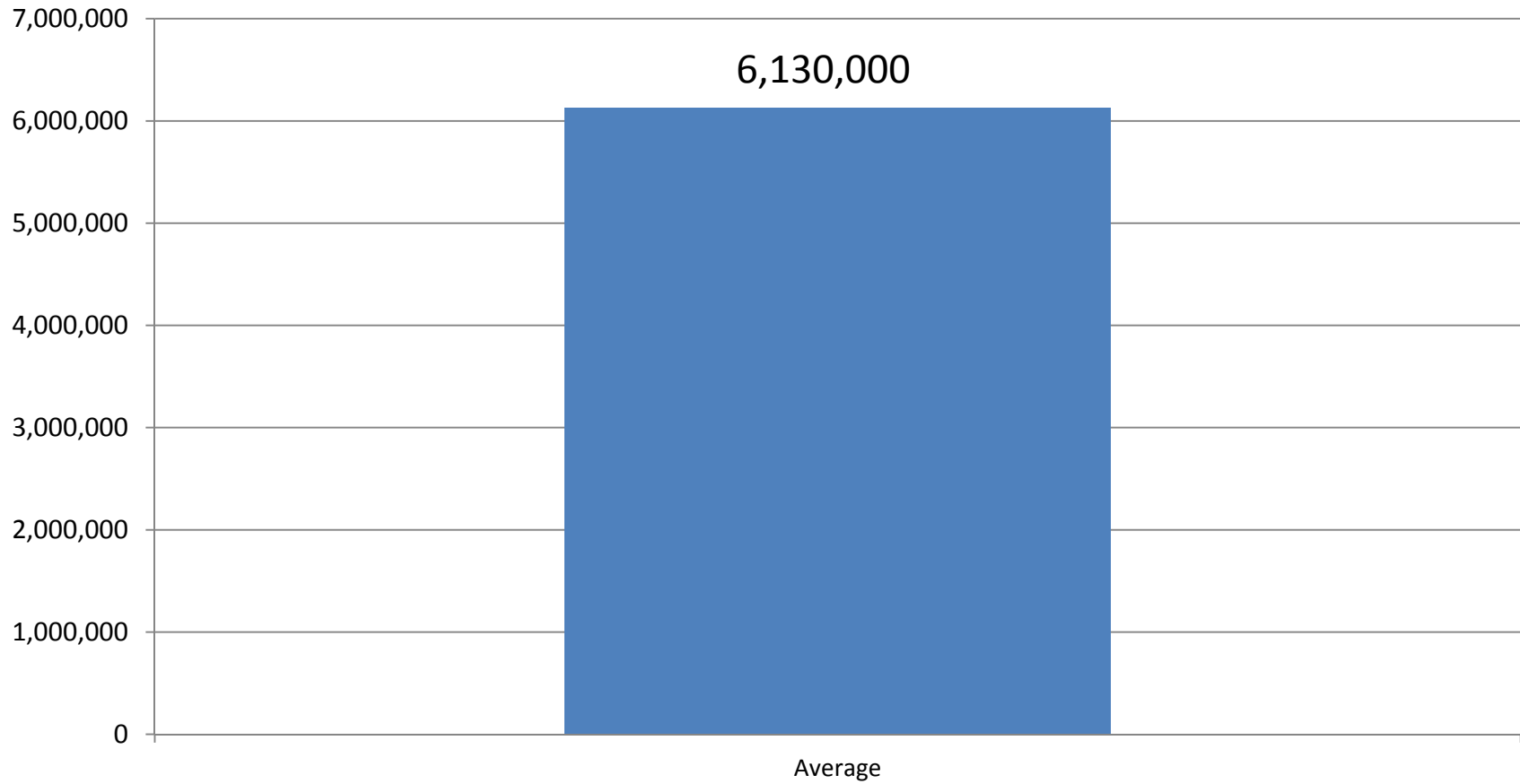


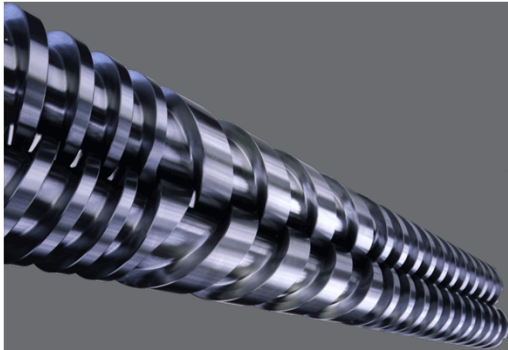


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

28. What is the estimated amount of resin consumed by your plant in 2009 in lbs.?

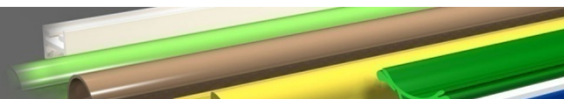
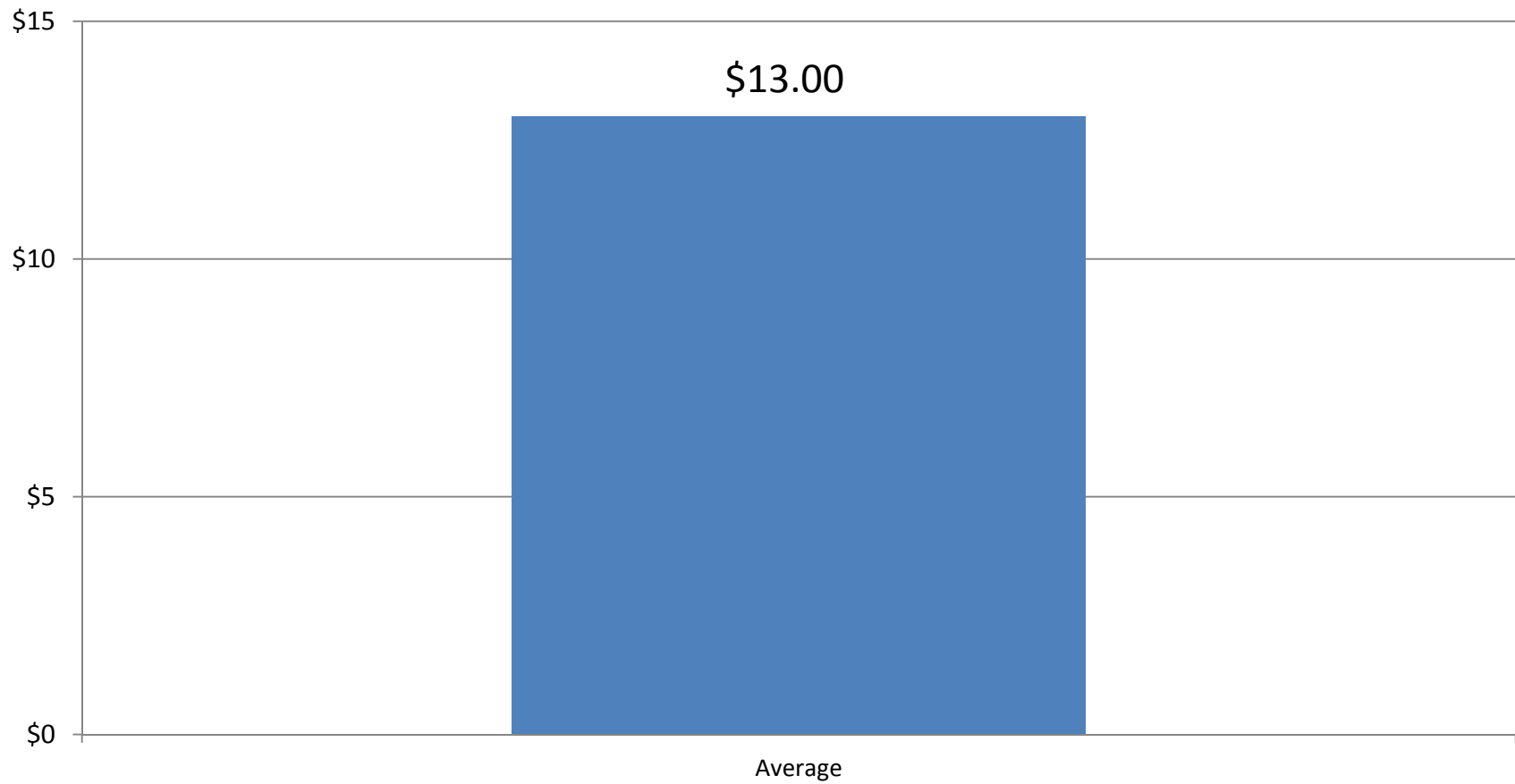


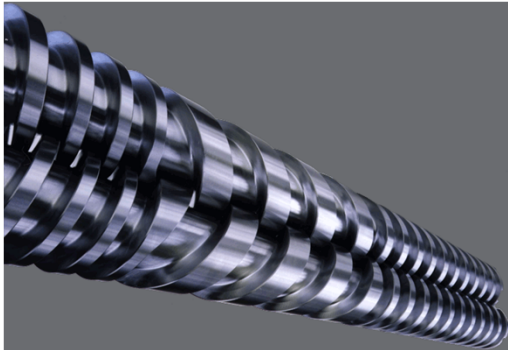


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

29. What was the revenue of your company in 2009 (\$million)?

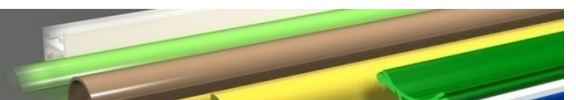
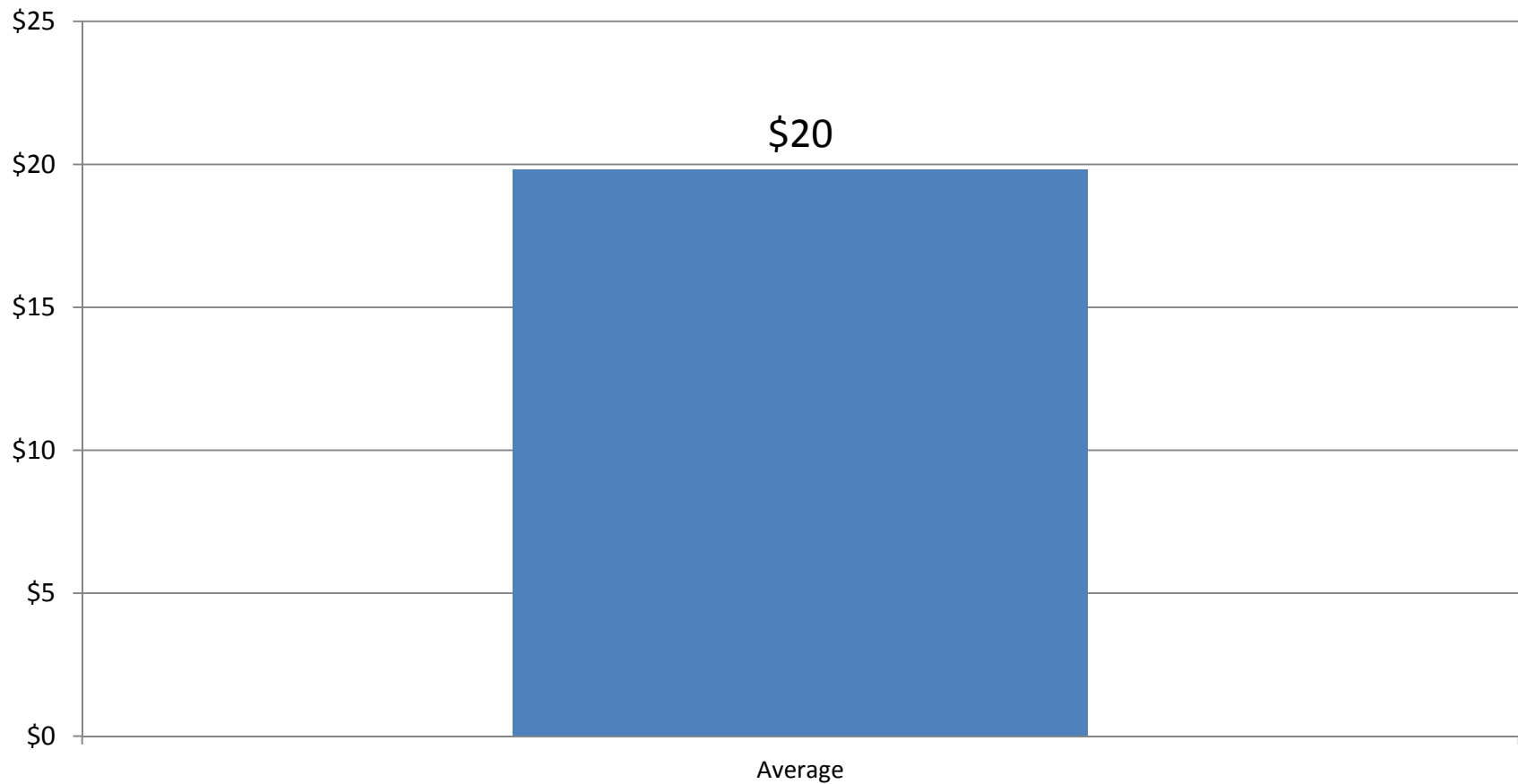


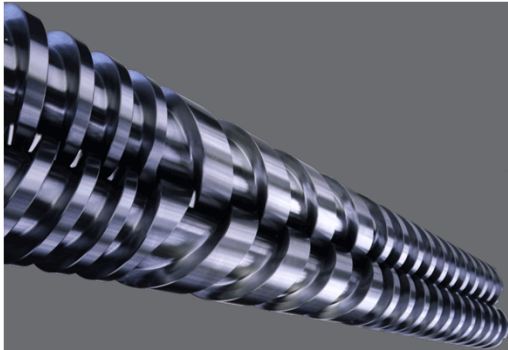


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

30. What will be the estimated revenue of your company in 2010 (\$million)?

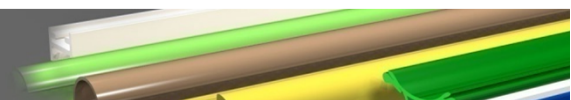
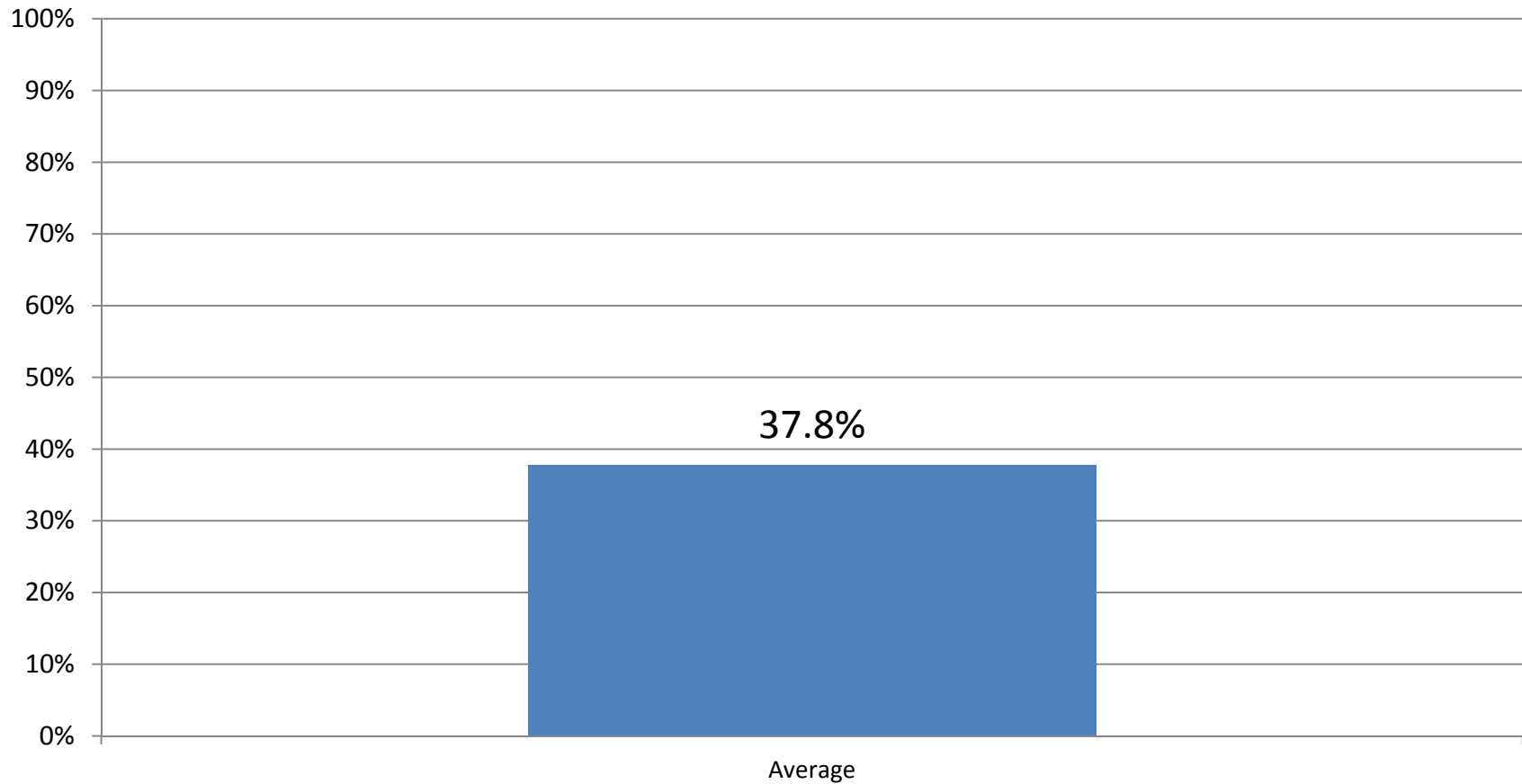


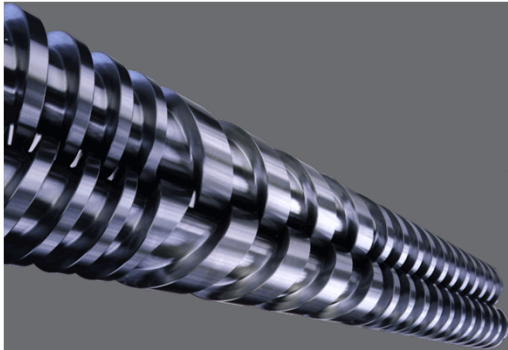


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

31. *What percentage of the product from your plant is shipped outside of Canada?*

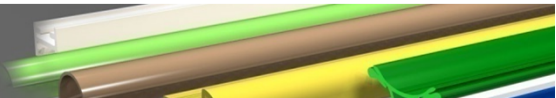
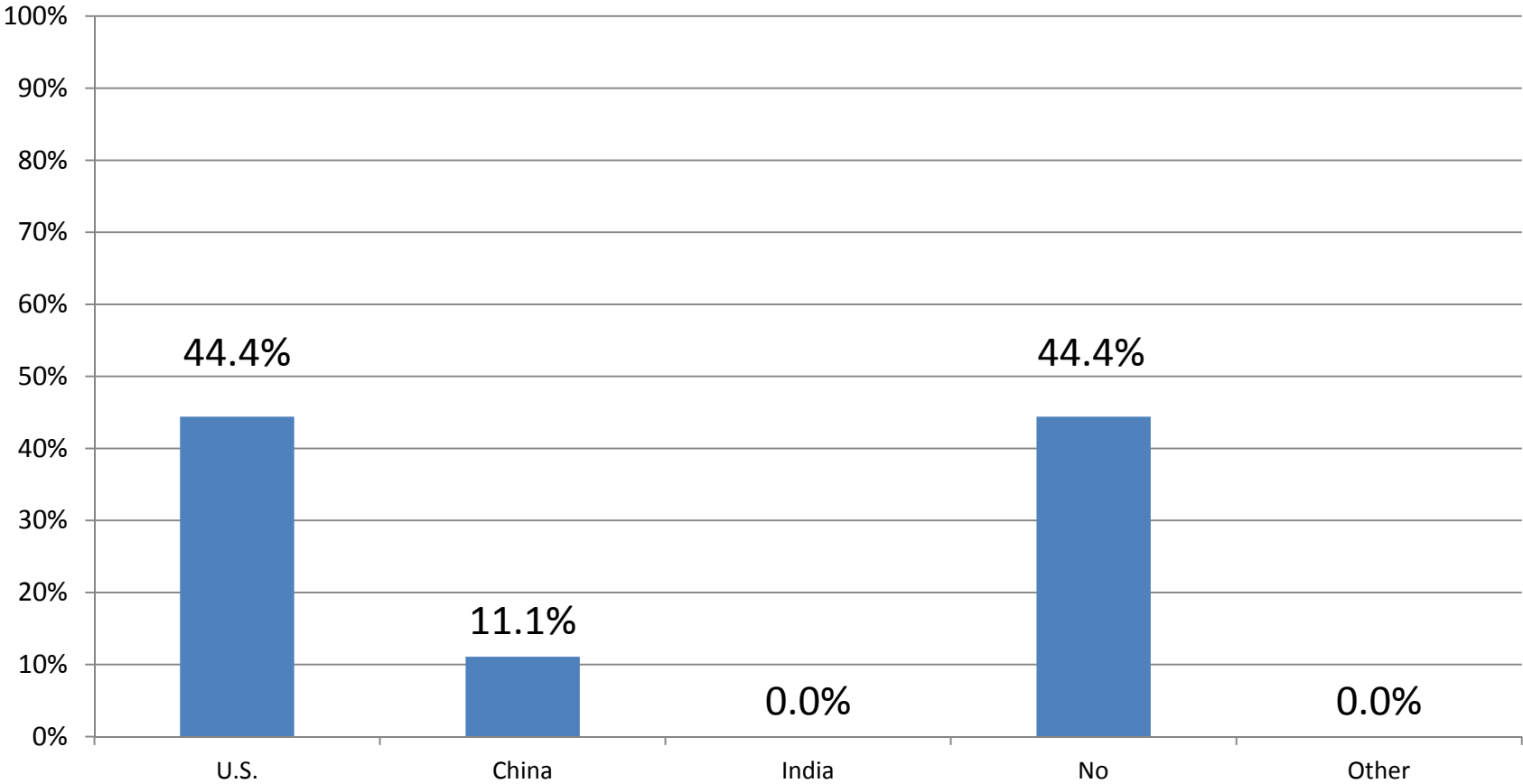




# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

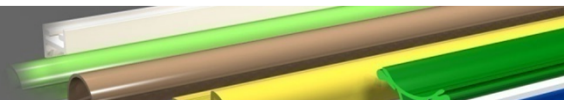
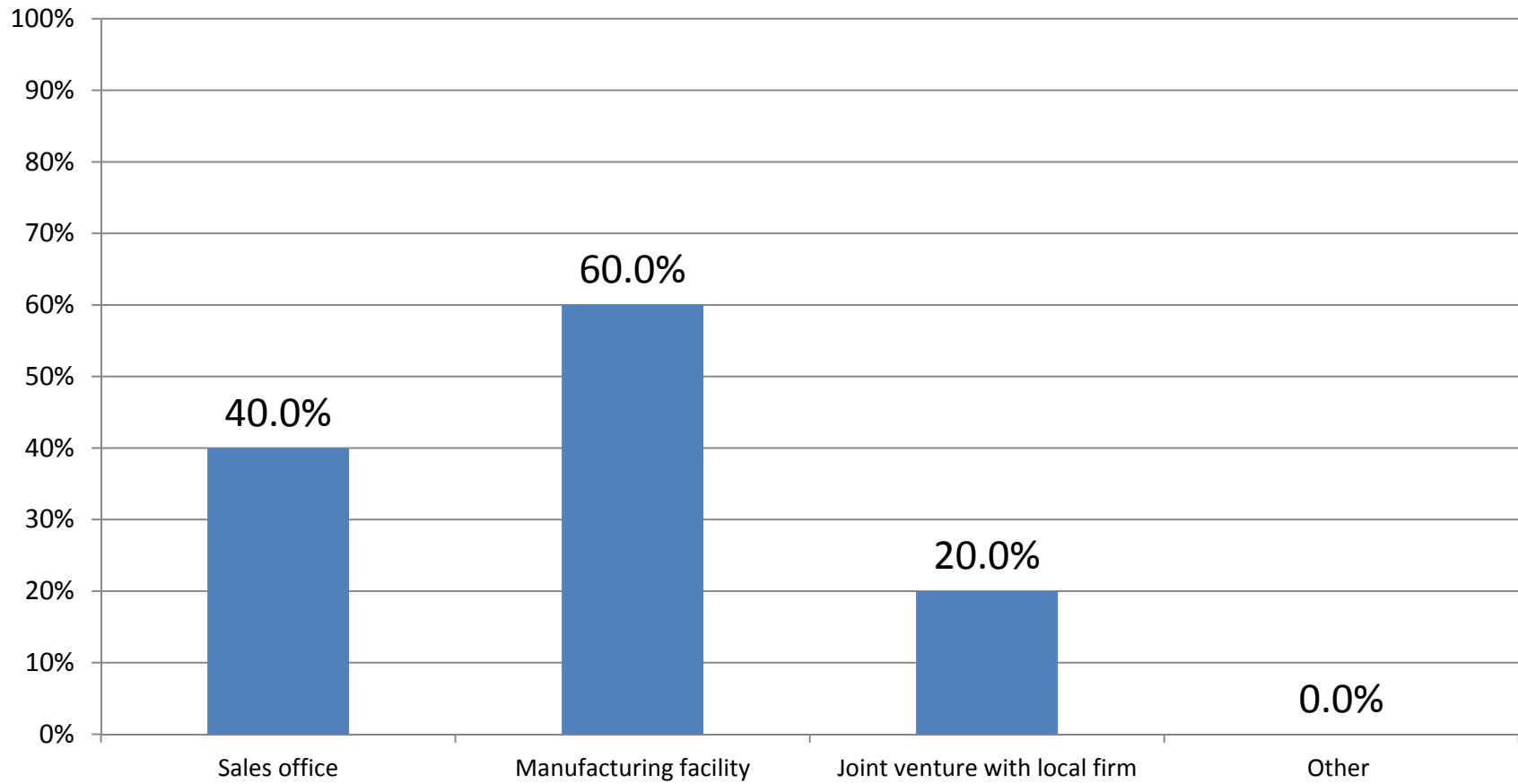
32. Does your company have a presence outside of Canada? (Please select all that apply)

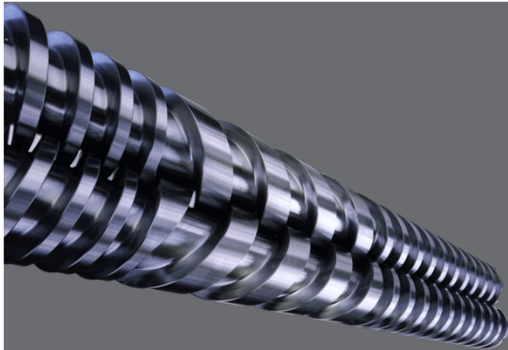


# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

33. What type of presence do you have outside of Canada?





# CANADIAN PLASTICS 2010

## PIPE & PROFILE EXTRUSION BENCHMARK SURVEY

34. If you not have a presence outside of Canada, do you plan to enter those markets in the next:

