

CONTENTS

<u>I. Introduction</u>	1 – 5
Project Background	4
Methodology & Disclaimer	5
<u>II. State of the Industry</u>	6 – 14
Shipment Summary: Residential v. Commercial	7
Unemployment & Labor Participation	8
Home Sales & Value	9
Housing Affordability & Interest Rates	10
Homeownership & Household Growth	11
Consumers: Income, Confidence & Product Revenue Forecast	12
Professionals: Confidence & Product Revenue Forecast	13
Housing Starts Forecast & Remodeling Activity	14
<u>III. Residential Activity & Forecasts</u>	15 – 20
New Construction Share & Percent Change	16
US Starts History and Forecast	17
Residential Construction Spending	18
Home Improvement Spending	19
Fannie Mae Economic Forecast & Leading Indicator of Remodel Activity	20
<u>IV. Nonresidential Activity & Forecast</u>	21 – 22
Nonresidential Construction Value & Projected Growth	22
<u>V. Residential Windows</u>	23 – 27
Regional Share	24
Material Share	25
Share by Operation	26
Projected Market Growth	27

CONTENTS

<u>VI. Commercial Shop-Built Windows</u>	28 – 29
Regional Share & Projected Growth	29
<u>VII. Residential Patio Doors</u>	30 – 38
i. Sliding Patio Doors: Regional Share	31 – 33
Share by Slide Type & Materials	32
Projected Market Growth	33
ii. Hinged Patio Doors: Regional Share	34 – 36
Share by Door Type & Materials	35
Projected Market Growth	36
iii. Other Exterior Multi-Panel Doors: Regional Share	37 - 38
Share by Door Type & Materials	38
<u>VIII. Residential Entry Doors</u>	39 – 44
Regional Share	40
Share by Panel Type	41
Share by Materials	42
Share by Size	43
Projected Market Growth	44
<u>IX. Architectural Interior Door Leaves</u>	45 – 50
i. Flush Door Leaves: Projected Market Growth	46 – 47
Share by Materials & Fire Rating	47
ii. Stile & Rail Door Leaves: Projected Market Growth	48 – 49
Share by Materials & Fire Rating	49
iii. Other Door Leaves & Overall Regional Share	50
<u>X. Appendix</u>	51 – 55
Manufacturer Research: Challenges to the Industry	52
Contractor Research: YoY Change & 2022 Outlook	53
Channel Research: YoY change & 2022 Outlook	54
Bibliography	55