A detailed analysis of the future prospect of P&G will be done using SWOT Analysis, Financial Performance Analysis, 4P's Marketing Mix analysis, and Operational Strategy analysis.

Business Strategy Analysis – SWOT Analysis:

Strengths (Internal Factor):

- Brand Portfolio: P&G has a wide portfolio of products in beauty, grooming, health care, fabric care, and baby/family care, with some of the products holding number one market positions.
- Market Leader: As a market leader with significant global operations, P&G benefits from economies of scale in production, marketing, and distribution.

Weaknesses (Internal Factor):

- Complex Organizational Structure: While the Organization 2005 restructuring was designed to make decision-making more streamlined, the scale and complexity of P&G's operations can still work against agility.
- Dependence on Mature Markets: Most product categories in which P&G operates belong to the mature market category, offering limited organic growth opportunities.

Opportunities (External Factor):

- Digital Transformation and Analytics Expanding IDS, driving decision-making by data, and the effort of digital
 transformation may make P&G's analytics capability even more integrated into operation and marketing strategy, hence being
 more responsive to market needs.
- Sustainability Trends: Increasingly, there is a consumer preference for 'green' products evidenced by the success of
 compacted laundry detergents. Such an approach could potentially enhance brand equity at P&G by leveraging its
 commitment to sustainability in operations and products.

Threats (External Factor):

- Market Maturity and Competition: Procter & Gamble operates in mature markets with low growth prospects, such as the laundry detergent market in North America, which experiences intense competition from other strong brands.
- Consumer Skepticism Towards New Products: Consumers might be reluctant to accept reformulated products like the compacted detergents, which is a risk for P&G's innovation strategy in case transitions are not well accepted.

Recommendation: Leverage P&G's robust brand portfolio and market dominance to spur innovation in sustainable products and take advantage of consumers' rising inclination towards eco-friendly solutions by incorporating state-of-the-art analytics into all facets of company operations, you can accelerate this digital transition and make your company more adaptable and sensitive to quickly changing market trends.

Financial Performance:

Balance Sheet:

- Current Ratio: P&G's current ratio, which reflects short-term cash, has been declining and is now less than 1 chartl.
- Debt to Equity Ratio: P&G is more reliant on shareholder funding than on debt, as seen in exhibit 4, with a debt-to-equity ratio of 0.64.
- Long Term Debt: In order to avoid only depending on equity funding, the company has begun to take on additional debt,
 which helps to justify the risks of losing control of the business to outside competitors^{exhibit4}.

Income Statement:

- Net sales for P&G compared to the period between 2014–2019 and 2020–2024, are stabilized and increase yearly^{chart3}. The increase in net sales is due to organic growth within the Fabric and Home business area.
- Overall, the gross profit margin has stayed between 48% and 52% chart2, which suggests that raw material costs are increasing. Their operating margin has stayed steady at about 22% even if it decreased in 2019 chart2.
- Their disinvestment, as we previously discussed, had a major effect on their net income in 2015–16^{exhibit4}; however, that choice proved to be a wise one, as it raised their net income and sales without having any negative effects.

4P's of Marketing Mix:

Product: Tide has been reformulated over time (e.g., compacted detergent formats) with a focus on efficiency and environmental benefit. This is in line with consumer expectations of effective, convenient, and sustainable products.

Price: Products are normally marketed at a premium, given the market-leading position of the brand and additional features such as high-efficiency cleaning.

Place: Major retailers like Target and Walmart act as distribution channels, supplemented by growing e-commerce, especially post-2020. Those may involve increased acquisition or partnerships with online retailers to further improve the market penetration levels.

Promotion: P&G promotes cleaning efficiency and ecological friendliness of Tide in the promotion mix by mostly using data to target consumers who are more likely to appreciate its environmental benefits.

Recommendation: The proper use of data can help them solve their inventory problems and reduce wastages, as well as realize some cost savings, all the while delivering their products to the retailers in amounts reasonable for them. Regarding promotional activity, they can use their data to target consumers by geographic location, which helps them have a better-focused approach to market and promotion efforts.

Operational Analysis:

	Physical resources	Human resources	Knowledge Based	Ecosystem	Financial Resources
			Resource	Resources	
Resource Base –	Warehouses, research and	Powerful R&D	Trademarks,	The worldwide	Several sources of income
Types	development facilities, and	department and	patents, and	reach of	and cash
	production plants	marketing	innovative	distributors and	
		executives.	research	providers	
Resource	Worldwide reach, a strong	Decentralized	Regular testing	Solid connection	Robust R&D and
Integration-	supply network, and hub and	management and	and enhancement	with the whole	international expansion
Planning	spoke distribution.	data scientists in	of fundamental	supplier chain.	investments.
		important domains.	product		
			knowledge		
Resource	Modern Manufacturing and	Improved	Data-driven	Years of	Revenues from smart
Develop and	sustainable packaging	compensation and	approaches use	collaboration	acquisitions or mergers.
Acquisition	efforts.	perks for employees.	information to	with supply	
- Innovation			support their	chain participants	
			conclusions.		

Recommendation: Advanced forecasting models could also be helpful in the management of financial resources to optimize investments and acquisitions. In every type of resource, a comprehensive data analytics strategy will contribute to P&G in creating an agile, efficient, and innovative operational model, which allows for quicker decision-making, more accurate resource allocation, and a stronger competitive position in the marketplace.

Conclusion and Recommendations:

Improved Training Programs: Provide regular training in data analysis and interpretation at all levels to make staff proficient in using analysis tools such as the Decision Cockpit with ease.

Plans for Augmented Learning: Create an internal program that allows employees to solve problems using analytics in simulated real-world decision-making situations, encouraging practical learning and application.

An approach for making decisions based on data: Implement a systematic procedure that integrates data analytics into all levels of organizational decision-making. Give precise instructions on how and when to use data to inform choices.

Analytics Design Problem: Internal contests where teams can come up with creative, data-driven answers to business problems. This can inspire innovation and highlight analytics' capabilities within the company.

EXHIBIT AND REFERENCES

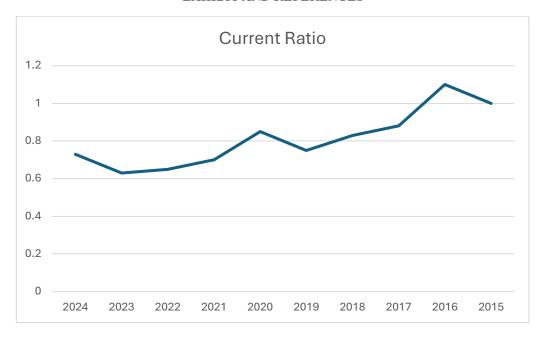


Chart 1: Current Ratio



Chart 2: Gross Profit

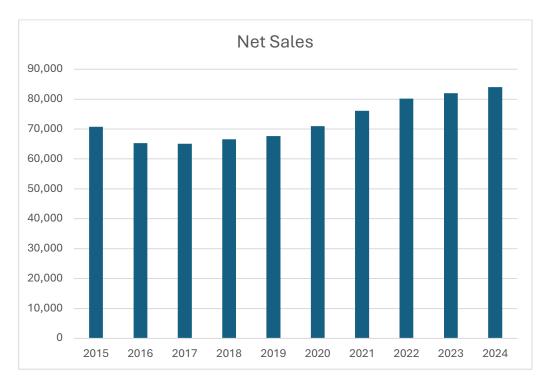


Chart 3: Net Sales

Exhibit:

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- $2. \quad \underline{https://d18rn0p25nwr6d.cloudfront.net/CIK-0000080424/2a783604-bb68-499d-b60d-6b12487f6f3b.html}\\$
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