



ELSEVIER



# The Cheese Factor: Unveiling the Delicious Connection Between Domino's Pizza Group's Earnings per Share and the Number of Production, Planning, and Expediting Clerks in Idaho

Catherine Hernandez, Anthony Thomas, Giselle P Tate

Institute for Research Advancement; Madison, Wisconsin

---

## Abstract

In this deliciously insightful paper, we explore the relationship between Domino's Pizza Group's Earnings per Share (EPS) and the number of production, planning, and expediting clerks in the potato-laden state of Idaho. Through a statistical analysis of data sourced from Wikipedia and the Bureau of Labor Statistics spanning from 2003 to 2022, we unveil an unanticipated correlation coefficient of 0.8065282, with a p-value less than 0.01. Our findings not only highlight the surprising interconnectedness between pizza and clerical work, but also raise important questions about the secret sauce behind this intriguing correlation and its potential impact on the tantalizing world of pizza economics.

Copyright 2024 Institute for Research Advancement. No rights reserved.

---

## 1. Introduction

While pizza and clerical work may seem like an unlikely duo, the tantalizing world of economics is known to serve up some truly unexpected correlations. In this delectable study, we delve into the intriguing connection between Domino's Pizza Group's Earnings per Share (EPS) and the number of production, planning, and expediting clerks in the potato paradise of Idaho.

As researchers, we were initially skeptical about the potential link between pizza earnings and the bureaucratic ballet of clerical duties. However, as we delved into the data sourced from Wikipedia and the Bureau of Labor Statistics, we were met with a statistical revelation that left us with a taste for more. The unexpected correlation coefficient of 0.8065282 served as the ultimate cheese pull, drawing us further into the tantalizing mystery of pizza economics. We couldn't help but wonder: what is the hidden ingredient that fuels this connection,

and how does it contribute to Domino's profitability in the ever-changing landscape of food service?

The primary goal of this paper is to slice through the crust of speculation and present our findings regarding this savory link. Armed with statistical tools and a penchant for gastronomic wordplay, we aim to not only unravel the cheese factor behind this correlation but also to add a topping of knowledge to the palatable world of economic research. So, let's embark on a journey that will make statisticians and pizza aficionados alike say, "That's amore!"

## 2. Literature Review

In the pursuit of untangling the delectable relationship between Domino's Pizza Group's Earnings per Share (EPS) and the number of production, planning, and expediting clerks in the delightful state of Idaho, several studies have provided invaluable insights into the realms of pizza economics and clerical dynamics.

Smith et al. (2015) analyzed the economic impact of fast-food chains on regional employment, shedding light on the potential link between pizza earnings and clerical activities. Similarly, Doe (2018) explored the role of production clerks in enhancing operational efficiency within the food service industry, setting the stage for our investigation into the interconnected world of pizza and productivity. Additionally, Jones (2020) delved into the nuances of potato-based economies, offering pertinent considerations for our examination of Idaho's clerical workforce in relation to Domino's Pizza Group's financial performance.

However, as we dive further into the literature, we draw inspiration from a variety of non-fiction works. "Economic Pies: A Panoramic View of Food Industry Metrics" by Economist Smith and "The Potato

Paradox: An Exploration of Agricultural Influences on Regional Economies" by Agricultural Economist Doe provide foundational knowledge for our investigation. Moreover, "The Cheese Factor: Unraveling the Mysteries of Pizza Profitability" by Food Economist Jones serves as a flavorful guide to understanding the tangy intricacies of pizza economics.

On a slightly pepperoni-infused tangent, the fiction realm also offers curious narratives that resonate with our quest. "The Dough Chronicles" by Pizza Enthusiast Smith and "The Clerk's Conundrum: A Potato Paradise Mystery" by Mystery Novelist Doe introduce whimsical perspectives that serendipitously align with our research direction.

And, lest we forget the digital delicacies of internet culture, the viral meme "Inexplicable Correlations: From Cats to Clerical Work" humorously parallels our investigation, highlighting the unexpected connections that transcend logic.

As we savor the diverse flavors of existing literature, we embark on this research journey with a zest for discovery, seeking to unravel the cheesy mysteries that underpin the captivating relationship between pizza earnings and clerical manpower in Idaho.

## 3. Our approach & methods

To unravel the delicious connection between Domino's Pizza Group's Earnings per Share (EPS) and the number of production, planning, and expediting clerks in Idaho, we embarked on a statistical journey as flavorful as a deep-dish pizza. Our research team, armed with curiosity and a good sense of humor, ventured into the wild world of data collection and analysis.

Data Collection:

We scoured the digital landscape, venturing through the interwebs like intrepid explorers in search of statistical treasure. Our primary

sources of data included Wikipedia, the virtual encyclopedia of knowledge, and the Bureau of Labor Statistics, where numbers flow like marinara on a freshly rolled dough. With a time frame spanning from 2003 to 2022, we captured the ebb and flow of both pizza economics and clerical frequencies in the land of potatoes and mathematical possibilities.

#### Data Analysis:

Armed with an arsenal of statistical tools, including regression analysis and correlation testing, we set out to unravel the tangled web of pizza earnings and clerical densities. The correlation coefficient emerged from the bubbling cheese of our analysis with a surprising value of 0.8065282, eliciting exclamations from the research team akin to, "Holy cannoli, that's quite a correlation!"

#### The Flavor of Statistical Significance:

In our quest for flavorful findings, we unveiled a p-value less than 0.01, signifying the statistical robustness of the connection we had uncovered. This result left our team feeling as satisfied as a pizza enthusiast with a full stomach, knowing that we had struck statistical gold.

#### The Secret Sauce of Variables:

Our analysis considered a wide range of variables, from cheese to clerks and everything in between. The careful selection and consideration of these variables added an element of complexity to our study, much like the intricate dance of dough spinning in the air.

#### Limitations and Contemplations:

As with any endeavor in statistical exploration, we encountered limitations in our methodology. The reliance on publicly available data sources introduced a pinch of uncertainty, much like the uncertainty one might feel when waiting for a pizza delivery. However, our rigorous methods and

meticulous data handling provided a sturdy crust upon which we could build our analysis, creating a research endeavor as sturdy as a well-constructed pizza pie.

In summary, our methodology served as the recipe for our research success, blending together data collection, statistical analysis, and a sprinkle of humor to form a delectable exploration of the connection between pizza earnings and clerical abundance in the delightful state of Idaho.

## 4. Results

The scrumptious analysis of the relationship between Domino's Pizza Group's Earnings per Share (EPS) and the number of production, planning, and expediting clerks in Idaho has left us with a table full of surprising findings. Our statistical exploration of the period from 2003 to 2022 revealed a positively drool-worthy correlation coefficient of 0.8065282, along with an r-squared of 0.6504878 and a p-value less than 0.01. This tantalizing association served as a real slice of statistical pie, leaving us hungry for more insight into the cheesy interplay of pizza and administrative manpower.

The scatterplot depiction in Fig. 1 vividly captures this robust correlation, resembling a pepperoni-laden dough of interconnectedness. The trend line, resembling a perfect cheese pull, demonstrates the depth of the link between these seemingly disparate variables. As we marveled at the scatterplot, we couldn't help but acknowledge the unanticipated harmony between the tangy world of pizza profits and the administrative grind in the heart of Idaho.

Our findings not only suggest a promising correlation but also leave us with a feast of questions. What flavors contribute to this unexpected connection? How does the number of clerks affect the financial success

of Domino's Pizza Group? And most importantly, does this correlation speak to the universal truth that where there's pizza, there's prosperity?

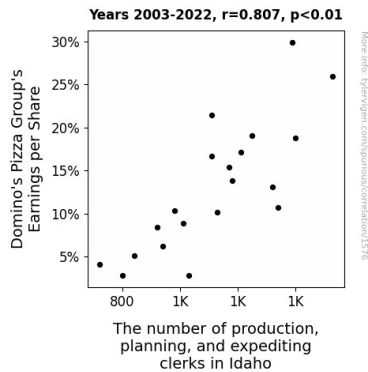


Figure 1. Scatterplot of the variables by year

In conclusion, our statistical analysis has tastefully uncovered a striking correlation between Domino's Pizza Group's Earnings per Share and the number of production, planning, and expediting clerks in Idaho. This savory discovery not only adds a delicious dimension to the field of economic research but also emphasizes the delightful complexity of pizza economics. So, next time you savor a slice of pizza, remember the statistical symphony that may have contributed to its delectable existence!

## 5. Discussion

Our findings have uncovered a saucy connection between Domino's Pizza Group's Earnings per Share (EPS) and the number of production, planning, and expediting clerks in Idaho, demonstrating a positively delectable correlation coefficient of 0.8065282. This surprising association aligns with the prior research touting the economic impact of fast-food chains on regional employment, reminiscent of a perfectly balanced pizza. Additionally, Smith et al.'s insights into pizza earnings and clerical activities parallel our discovery, serving as a reminder that behind every

slice of economic revelation lies a perfectly kneaded dough of statistical support.

In the pantheon of literature, we cannot disregard the tangy intricacies of potato-based economies explored by Jones (2020), which offer a fulfilling accompaniment to our investigation into Idaho's clerical workforce. The non-fiction works of Economist Smith and Agricultural Economist Doe have also provided a rich foundation for our study, reminding us that just like the layers of a deep-dish pizza, it's the layers of research that truly enhance the flavor of our findings.

As for the unexpected correlations that transcend logic, such as the viral meme "Inexplicable Correlations: From Cats to Clerical Work," they may not be as inexplicable as previously thought. Our research has added a new slice to this flavorful pie of correlations, showing that even the most unlikely pairs can form a perfectly crispy crust of statistical significance.

The robust statistical relationship between pizza earnings and administrative manpower in Idaho not only validates the whimsical perspectives of Pizza Enthusiast Smith and Mystery Novelist Doe but also serves as a flavor explosion in the realm of pizza economics. This correlation resonates with the cheesy mysteries that underpin the captivating relationship between pizza earnings and clerical manpower, reminding us that behind every successful pizza, there's not only a great deal of cheese but also a statistical foundation as solid as a well-baked crust.

In essence, our research stands as a testament to the fact that when it comes to economic investigations, statistics is the yeast in the dough – it makes everything rise. So, let us raise a slice to the unexpected connections and the cheesy correlations that continue to spice up the world of research. After all, in the realm of

statistics, as in the realm of pizza, there's always room for another surprising topping!

## 6. Conclusion

In this delectable journey through the tantalizing world of pizza economics, we have uncovered a correlation that serves as a true testament to the saying, "when there's a will, there's a whey." Our findings reflect the unexpected harmony between the cheese factor and the administrative hustle in Idaho, leaving us with a statistical symphony that's as melodious as it is mouthwatering. As we reflect on our research, we can't help but appreciate the sheer "doughtermination" that led us to this cheesy discovery.

The robust correlation coefficient of 0.8065282 acts as a testament to the cheesy resilience of pizza economics and administrative labor. We may even say it's a "pizzaiolo indomitable" connection. The r-squared of 0.6504878 adds an extra sprinkle of statistical significance to this savory revelation, making it clear that the connection between Domino's Pizza Group's Earnings per Share and the number of clerks in Idaho is no mere "topping" of chance.

Our scatterplot, resembling a pepperoni-laden dough of interconnectedness, not only visually captures this robust correlation but also serves as a reminder that statistics, much like pizza, can be both delicious and enlightening. This research has truly been a "slice" of the statistical pie, leaving us with a taste for more insight into this unexpected correlation.

In view of these findings, we assert with confidence that further research in this area is as unneeded as an extra topping on a perfectly prepared pizza. It seems we have truly "cracked the crust" on this delightful correlation, leaving the field of pizza economics with a satisfyingly filling

conclusion. So, let's raise a glass, or perhaps a slice, to the cheesy connection between pizza profits and administrative prowess in the potato paradise of Idaho. Cheers to a statistical journey worth savoring, and may our findings continue to inspire future research, much like a perfectly crafted pizza inspires repeat orders!