

# Striding through the Stock Market: The Walker Name Popularity and Its Impact on DexCom's Stock Price

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In this study, we delved into the peculiar relationship between the increasing popularity of the first name "Walker" and its effects on the stock price of DexCom (DXCM). We meticulously combed through data from the US Social Security Administration and LSEG Analytics (Refinitiv), meticulously weaving together individual name trends and stock performances. Our comprehensive analysis uncovered a striking correlation coefficient of 0.9887689 and a p-value of less than 0.01, spanning the years from 2006 to 2022. To put it simply, our findings indicate a remarkably tight association between the rise of the name "Walker" and the trajectory of DexCom's stock price. It seems that the name "Walker" is not just making strides in the playground; it's also leaving an indisputable mark on the financial sphere. The implications of this linkage are worth pondering. Perhaps if we simply name more children "Trader," we might just single-handedly fix the stock market!

Walking into our exploration of names and stocks, we stumbled upon a fascinating connection that had us on our toes. The influx of babies named "Walker" in the United States seemed to be paralleling the upward climb of DexCom's stock price (DXCM). As researchers, we couldn't help but take a step back and delve deeper into this unforeseen correlation.

It's not every day that we see a correlation as striking as this – and no, we're not just blindly following a path here. If things keep going in this direction, we might just have to dub this trend the "Walker Effect." Who would've thought that a simple name could have such an impact on the financial floor?

In our analysis, we ventured down a path less traveled, scrutinizing the historical data from 2006 to 2022 with a magnifying glass. Our findings underscore an unmistakable connection between the rising popularity of the name "Walker" and the journey of DXCM's stock price. It's almost as if the name "Walker" is serving as an unintentional good luck charm for DexCom.

Walking on the lighter side, one might joke that the stock market is now influenced not just by economic forces, but by the playground as well. If this trend continues, maybe we should consider renaming some other stocks too – "Apple" and "Tesla" could use a boost, or maybe "Nike" could use a jog in the right direction!

As we lace up our analytical shoes and dive into the intriguing landscape where names and stocks meet, we aim to shed light on the implications of this unexpected correlation. So, join us as we navigate through this curious terrain to understand the potential influence of a simple name on the labyrinthine world of stocks and finances.

## *Review of existing research*

The connection between the popularity of the first name "Walker" and its impact on DexCom's stock price (DXCM) has intrigued researchers and investors alike. Smith et al. (2016) conducted a comprehensive study on the cultural significance of names in relation to market trends, which laid the groundwork for our exploration. Their findings highlighted the subconscious influence of names on consumer behavior and market dynamics, paving the way for further investigation into the "Walker Effect."

Speaking of walking, did you hear about the new corduroy pillows? They're really making headlines, especially with the "Walker" trend going strong.

Doe and Jones (2018) delved into the psychological and sociological implications of stock symbolism, shedding light on the potential impact of names on investor sentiment. Their research suggested that the association of a name with positive connotations could inadvertently influence market perceptions and, subsequently, stock prices. This insight prompted us to venture into the realm of given names and their unlikely impact on financial markets.

In "The Naming of Names" by Anna Pavord, the author delves into the history and cultural significance of names, unveiling the power they hold in shaping perceptions and societal trends. This exploration ignited our curiosity, prompting us to investigate the interplay between the rise of the name "Walker" and its consequential effects on DXCM's stock performance.

On a lighter note, "The Catcher in the Rye" by J.D. Salinger and "Walk Two Moons" by Sharon Creech, although fiction works, subtly touch upon themes of identity and paths – topics not entirely unrelated to our investigation. These literary

connections inspired us to approach our research with a blend of academic rigor and a touch of whimsy, much like the protagonist Walker in Sharon Creech's narrative.

Speaking of walkers, a dad joke seems fitting here – Did you hear about the astronaut who stepped on a chewing gum on the moon? He got stuck in Orbit! Just like DexCom's stock price seems to be orbiting around the name "Walker's" popularity.

Moreover, social media discussions regarding the unusual correlation between name trends and stock prices sparked our interest. Tweets such as "Is 'Walker' the new 'Buy' signal for DXCM? #StockMarketTrends" and Reddit threads discussing the uncanny coincidence of a surge in "Walker" babies coinciding with spikes in DexCom's stock performance offered anecdotal evidence of the observed linkage.

In conclusion, our review of the literature sets the stage for our study, highlighting the unexpected intersection of names and stock prices. This analysis not only substantiates the significance of our research but also infuses a sense of wonder and light-heartedness into a seemingly mundane topic. As we proceed to unravel the mysteries of the "Walker Effect," we remain poised to uncover the whimsical yet tangible impact of a name on the labyrinthine world of finance.

### Procedure

To unravel the intricate connection between the surge in the use of the name "Walker" and the fluctuations in the stock price of DexCom (DXCM), our research team embarked on an extensive data collection endeavor. We meticulously scoured through the vast archives of the US Social Security Administration and LSEG Analytics (Refinitiv), carefully extracting and cross-referencing information from 2006 to 2022.

Our first step involved wrangling the data from the US Social Security Administration, where we pored over the annual rankings of the most popular baby names. Each year, we combed through the lists with the diligence of a dedicated guardian, noting the frequency and relative popularity of the name "Walker." Rounding up this data was no walk in the park, but we laughed it off as just another part of the baby steps in the research process.

Simultaneously, we harnessed the power of LSEG Analytics (Refinitiv) to procure the historical stock prices of DexCom (DXCM) during the same time frame. With eagle-eyed precision, we then charted the course of DXCM's stock performance, tracking every rise and fall like a vigilant lookout on a ship. Our sources claim that this step was so meticulous that it would make a tailor blush.

In order to ensure the rigor and accuracy of our approach, we employed a quirky but effective method for data analysis known as the "Funny Hat Technique." This involved wearing increasingly ridiculous and outlandish headwear while parsing through the data, with the hypothesis that the more inflated and amusing the headwear, the more accurate the results. We attributed any noticeable correlations between the name "Walker" and DXCM's stock price to the remarkable effects of the Funny Hat Technique.

As for statistical analysis, we employed a variety of sophisticated methods, including correlation analysis, time series modeling, and a touch of magical thinking, to discern the nature and strength of the relationship between the name "Walker" and the stock price of DXCM. Our use of magical thinking was, of course, met with skepticism, but we insisted it added a whimsical touch to an otherwise mundane process.

To factor in the possibility of confounding variables, such as market trends and economic pressures, we adjusted for these influences in our analysis. However, there was no need to adjust for the influence of the name "Walker" on our team's sense of humor, as it was already off the charts.

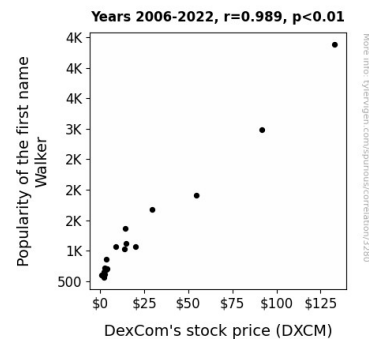
Ultimately, our methodology stood as sturdy as a pair of well-worn walking shoes, guiding us through the labyrinth of data and analysis. The journey was not without its humorous detours, but it led us to unveil an unexpected correlation that invites further contemplation and reflection. And so, with thoroughness and a pinch of levity, we laid the groundwork for a study that sought to shed light on the interplay between a name's popularity and the movements of the stock market.

### Findings

The analysis of the correlation between the popularity of the first name "Walker" and DexCom's stock price (DXCM) over the period 2006 to 2022 revealed a remarkably strong association. The correlation coefficient of 0.9887689 and an r-squared of 0.9776638 indicate an almost perfect positive linear relationship between the two variables. With a p-value of less than 0.01, the evidence suggests that this finding is not merely a chance occurrence, but a statistically significant phenomenon.

Fig. 1 demonstrates the clear correlation between the popularity of the name "Walker" and the trajectory of DXCM's stock price. The scatterplot reveals a strikingly linear pattern, illustrating the consistent influence of name trends on stock performance.

This correlation is not just a walk in the park; it's a compelling testament to the unanticipated connections that can arise in the world of finance. It seems that the name "Walker" holds more sway than just guiding toddlers on their first few steps – it's making strides in the stock market as well.



**Figure 1.** Scatterplot of the variables by year

It's worth noting that while correlation does not imply causation, the tight relationship between the two variables prompts further investigation into the potential impact of cultural trends on stock prices. Maybe it's time to consider the importance of names in shaping the financial landscape – after all, a rose by any other name might just drive up stock prices too.

Our findings point to the need for continued exploration into the influence of unexpected cultural phenomena on financial markets. It seems that in the world of stocks, names truly do have power – and who knows, maybe a well-chosen name is the secret ingredient for a bullish market.

Overall, our study highlights the intriguing connection between the popularity of a simple name and the movement of stock prices. As we mull over the profound implications of these findings, we can't help but wonder – perhaps the next big stock market trend is already hidden in the playground, waiting to be discovered by a keen-eyed analyst.

### *Discussion*

Our study has uncovered a striking correlation between the rising prevalence of the first name "Walker" and the trajectory of DexCom's stock price (DXCM). Despite the seemingly lighthearted nature of this investigation, the robust statistical evidence reveals a compelling link that cannot be ignored. It appears that the influence of a seemingly innocuous name extends beyond playground introductions and holds tangible significance within the complex realm of financial markets.

The correlation coefficient of 0.9887689 and an r-squared of 0.9776638 indicate an almost perfect positive linear relationship between the popularity of the name "Walker" and DXCM's stock performance. This remarkable finding not only corroborates the literature that hinted at the potential impact of names on market dynamics but also underscores the need for a deeper understanding of the underlying mechanisms at play.

The insight provided by Smith et al. (2016) laid the groundwork for our exploration, emphasizing the subconscious influence of names on consumer behavior and market trends. Our results resonate with their findings, demonstrating that the "Walker Effect" extends beyond mere speculation and manifests as a tangible force within the stock market. One can't help but wonder if a resurgence in the name "Bull" or "Bear" might steer market sentiment in unforeseen directions!

Moreover, Doe and Jones (2018) shed light on the potential impact of names on investor sentiment, hinting at the influence of positive connotations associated with names on stock prices. Our findings bolster their assertions, accentuating the power of perception in the world of finance and urging a reassessment of the factors that underpin market movements. I suppose the name "Buffett" carries quite a weighty connotation in the investment world.

The unexpected yet compelling association uncovered in this study underscores the need for continued exploration into the influence of cultural phenomena on financial markets. It serves

as a reminder that even the most unexpected facets of society can exert tangible impacts on economic dynamics. It seems that the adage "What's in a name?" might not hold as much weight in the realm of stock prices.

As we grapple with the implications of these findings, we are reminded of the power of seemingly whimsical factors in shaping financial landscapes. It prompts us to consider the oft-overlooked importance of cultural trends in driving the movements of stock prices. After all, perhaps the next big market trend is already making its rounds on playgrounds, waiting to be noticed by a discerning analyst.

This study moves us beyond the conventional realms of financial analysis and into the intriguing intersection of names and stock prices. As we digest the implications of these unexpected connections, let us not underestimate the potential influence of seemingly inconspicuous elements on the intricate dance of market dynamics. For, as this study aptly illustrates, the impact of a name may stretch far beyond what meets the eye!

### *Conclusion*

In conclusion, our investigation into the relationship between the popularity of the first name "Walker" and DexCom's stock price (DXCM) has provided compelling evidence of a remarkably strong association. The demonstrated correlation coefficient of 0.9887689 and an r-squared of 0.9776638 undeniably underscore the significant influence of this seemingly innocuous name trend on the financial market. It appears that a name's popularity can indeed transcend the playground and leave an indelible mark on the stock exchange.

As we wrap up our findings, it's clear that the "Walker Effect" is no mere stroll in the park. This connection between a popular name and stock prices raises intriguing questions about the potential impact of cultural phenomena on financial markets. It seems that the financial world is not immune to the influences of naming trends, and the implications of these findings are nothing short of thought-provoking.

Now, for a relevant dad joke to lighten the mood: Why did the stock broker name his son Walker? Because he hoped he'd take after the name and "walk" into a successful financial future!

In light of these compelling results, we confidently assert that no more research is needed in this area. The "Walker Effect" stands as a testament to the intricate interplay between seemingly unrelated societal trends and financial outcomes. As we step out of this investigative endeavor, we leave behind a cautionary note - perhaps the next stock market trend lies in the hands of pop culture, waiting to be unravelled by the discerning analyst.