

Proposition: ‘The reason that the U.S. has not adopted the metric system is because President Joe Biden has not signed a bill that adopts the metric system, which Congress has already passed.’

GPT-4, with Michael L. Thompson

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¹Proposition: ‘The reason that the U.S. has not adopted the metric system is because President Joe Biden has not signed a bill that adopts the metric system, which Congress has already passed.’ [metric_system2.pdf] © 2024 by Michael L. Thompson is licensed under CC BY-SA 4.0. To view a copy of this license, visit <http://creativecommons.org/licenses/by-sa/4.0/>

Proposition: “The reason that the U.S. has not adopted the metric system is because President Joe Biden has not signed a bill that adopts the metric system, which Congress has already passed.”

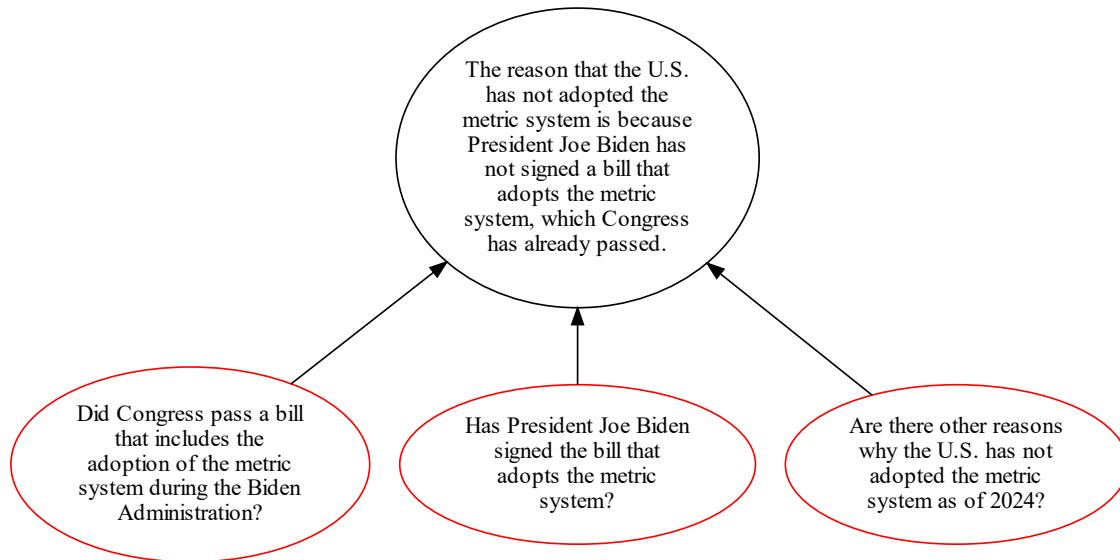


Figure 1: Query plan graph.

Added Instructions

In generating the plan to assess the proposition, consider the following:

- During the Biden Administration, the U.S. Congress passed a bill that includes the adoption of the metric system of units.
- The reasons why the U.S. has not adopted the metric system as of 2024.

Query Plan Outline

The reason that the U.S. has not adopted the metric system is because President Joe Biden has not signed a bill that adopts the metric system, which Congress has already passed.

- Did Congress pass a bill that includes the adoption of the metric system during the Biden Administration?
 - Search for evidence of a bill passed by Congress that includes the adoption of the metric system during the Biden Administration.
- Has President Joe Biden signed the bill that adopts the metric system?
 - Search for evidence of President Joe Biden signing or not signing the bill that adopts the metric system.
- Are there other reasons why the U.S. has not adopted the metric system as of 2024?
 - Search for documented reasons why the U.S. has not adopted the metric system as of 2024.

Summary

The assertion that the U.S. has not adopted the metric system because President Joe Biden has not signed a bill that adopts the metric system, which Congress has already passed, is not accurate based on the provided information. The reasons for this conclusion are as follows:

1. **No Evidence of President Biden Signing a Metric System Bill:** According to the provided search results, there is no evidence that President Joe Biden has signed a bill that adopts the metric system for the United States. The search results do not mention any such bill or executive order related to the adoption of the metric system being signed by President Biden.
2. **Congress Has Not Passed a Metric System Bill During the Biden Administration:** The search results also indicate that there is no evidence to suggest that Congress passed a bill specifically including the adoption of the metric system during the Biden Administration. Historical acts and discussions about the metric system, such as the Metric Conversion Act of 1975, are mentioned, but these do not pertain to the Biden Administration. There is no mention of a specific bill being passed for the purpose of adopting the metric system during the mentioned timeframe.
3. **Other Reasons for Not Adopting the Metric System:** The reasons why the U.S. has not adopted the metric system as of 2024 are multifaceted and include historical momentum and cultural identity, economic and financial constraints, practical considerations and the dual system, government policy and public resistance, and a desire to maintain a sense of independence and uniqueness in the global community. These reasons suggest that the lack of adoption of the metric system in the U.S. is due to a complex set of factors beyond the simple absence of a signed bill by the current president.

In summary, the claim that the U.S. has not adopted the metric system because President Joe Biden has not signed a bill, which Congress has already passed, is not supported by the provided information. The reasons for the U.S. not adopting the metric system are more complex and involve historical, economic, cultural, and practical considerations.

Sub-Propositions

“Did Congress pass a bill that includes the adoption of the metric system during the Biden Administration?”

Based on the provided search results and context, there is no evidence to suggest that Congress passed a bill specifically including the adoption of the metric system during the Biden Administration. The search results reference historical acts and discussions about the metric system in the United States, such as the Metric Conversion Act of 1975, which was signed into law by President Gerald Ford, not during the Biden Administration. This act declared the metric system as the preferred system of weights and measures for U.S. trade and commerce but did not mandate its exclusive use.

Further, the search results mention discussions and questions on platforms like Quora and Reddit about whether the Biden Administration should or would adopt the metric system, but these do not constitute evidence of a bill being passed. The mention of a letter sent to President Biden encouraging the adoption of the metric system also does not indicate that a bill was passed.

The Consolidated Appropriations Act, 2023, is listed among the search results, but there is no indication in the snippet provided that this act includes provisions for adopting the metric system.

In summary, based on the information provided, there is no evidence of a bill passed by Congress during the Biden Administration that includes the adoption of the metric system. The references are to historical legislation or speculative discussions without mention of a specific bill being passed for this purpose during the mentioned timeframe.

“Has President Joe Biden signed the bill that adopts the metric system?”

Based on the provided search results, there is no evidence that President Joe Biden has signed a bill that adopts the metric system for the United States. The search results primarily focus on various executive orders and legislative actions taken by President Biden, including those related to artificial intelligence, cybersecurity, health care, and taxation. However, none of the listed documents or articles mention a bill or executive order related to the adoption of the metric system.

The metric system is a decimal-based system of measurement that is used by most countries around the world. The United States, however, primarily uses the customary system of measurement, which includes units such as inches, feet, and pounds. While there have been discussions and efforts in the past to increase the use of the metric system in the United States, it appears that as of the latest information available up to 2023, no new legislation or executive order has been signed by President Biden to fully adopt the metric system in the United States.

It's important to note that the adoption of the metric system in the United States would be a significant change that would likely require not only an executive order but also comprehensive legislation passed by Congress, given the wide-ranging implications for industries, education, and everyday life. The search results do not indicate any recent movement in this direction.

“Are there other reasons why the U.S. has not adopted the metric system as of 2024?”

Based on the information provided from various sources, there are several reasons why the U.S. has not adopted the metric system as of 2024. These reasons can be categorized into historical, economic, cultural, and practical factors. Let's explore these reasons in detail:

1. **Historical Momentum and Cultural Identity:** The U.S. has a long history of using the Imperial system, which has become a part of its cultural identity. This system was inherited from the British during the colonial period. Over time, the U.S. developed its own version of the Imperial system, known as the U.S. customary system. Changing to the metric system would not only require overcoming historical momentum but would also affect the cultural identity that has been associated with the customary system (Source: Laughing Squid, <https://laughingsquid.com/united-states-didnt-adopt-metric-system/>).
2. **Economic and Financial Constraints:** The cost of transitioning to the metric system is one of the most significant barriers. This includes changing road signs, retooling manufacturing processes, updating educational materials, and retraining workers. The expense associated with these changes is substantial, and there has been resistance to incurring these costs, especially when the benefits are not immediately tangible to businesses and the general public (Source: Science | HowStuffWorks, <https://science.howstuffworks.com/why-us-not-on-metric-system.htm>).
3. **Practical Considerations and the Dual System:** The U.S. does use the metric system in many areas, especially in science, medicine, and industries with international ties. However, for everyday life, the customary system remains prevalent. This dual system approach allows for the use of the metric system where it is most beneficial while maintaining the customary system for general public use. This compromise has reduced the urgency for a complete transition (Source: Wikipedia, Metrication in the United States, https://en.wikipedia.org/wiki/Metrication_in_the_United_States).
4. **Government Policy and Public Resistance:** Although there has been a national policy to adopt the metric system, the U.S. government has not made this transition mandatory. This approach has led to a lack of uniformity in adoption across different sectors. Additionally, there has been public resistance to metrication, partly due to the perception that it is an unnecessary change and a reluctance to move away from familiar units of measurement (Source: CBC, <https://www.cbc.ca/radio/costofliving/the-metric-system-housing-markets-inflation-and-paying-for-roads-we-answer-your-questions-to-kick-off-2021-1.5859911/failure-to-convert-why-the-united-states-still-uses-imperial-measurement-1.5859929>).

5. **International Relations and Independence:** Some resistance to the metric system also stems from a desire to maintain a sense of independence and uniqueness in the global community. The U.S. is one of the few countries that has not fully adopted the metric system, and this distinction is sometimes seen as a point of national pride (Source: Quora, <https://www.quora.com/Why-hasnt-the-United-States-switched-to-the-metric-system>).

In conclusion, the reasons for the U.S. not adopting the metric system as of 2024 are multifaceted, involving historical, economic, cultural, and practical considerations. While there has been some movement towards metrication, especially in professional and scientific communities, a complete transition faces significant challenges.

Search Results

“reasons why the U.S. has not adopted the metric system”

- [Why the United States Doesn't Use the Metric System](#): However, since the metric system was rooted in a portion of French land, the United States decided not to adopt this system. In the 19th century ...
- [Why Did The US Never Adopt The Metric System? It's About Pirates](#): However, the original reason, the reason that metric never even touched down on the shores of the US, is absolutely pirates. DOWNLOAD PDF ...
- [Why doesn't the US use the metric system? - Live Science](#): Another factor working against the metric system in the United States is the country's relative political stability; ever since it gained its ...
- [Why America won't go metric | CNN Politics](#): According to University of Georgia history professor Stephen Mihm, many Americans were against the French and the idea of adopting their system ...
- [6 Reasons Why The U.S. Doesn't Use The Metric System](#): Because of this treaty, many of the signing nations decided to adopt the metric system as their official standard. The U.S. was not one of them.
- [Why doesn't the US adopt the metric system? - Reddit](#): In home cooking, it does not matter (i.e., there is no advantage to be gained) to use metric, because in America all home cooks have available ...
- [Why Won't America Go Metric? | TIME](#): The simple answer is that the overwhelming majority of Americans have never wanted to. The gains have always seemed too little, and the goal too ...
- [Why the U.S. hasn't fully adopted the metric system - CNBC](#): The reason why is that all of the measures passed by the government have been voluntary. Even states and counties have the right to use either ...
- [The real reasons why the US refuses to go metric - The Verge](#): There was only one issue: the law was completely voluntary. Of course, that meant it pretty much never took off.

“evidence of a bill passed by Congress that includes the adoption of the metric system during the Biden Administration”

- [Metric Conversion Act - Wikipedia](#): The Metric Conversion Act of 1975 is an Act of Congress that was signed into law by U.S. President Gerald Ford on December 23, 1975. It declared the metric ...
- [Will Joe Biden put America on the metric system? - Quora](#): Technically, the United States has switched to the metric system. All their customary units are tied to SI - the international system of ...
- [Letter about the SI to President Biden \(sent\) - PLEASE GET ACTIVE!](#): ... Congress has repeatedly passed laws that encourage voluntary adoption of the metric system. We use a mixture of metric and customary units ...
- [117th Congress \(2021-2022\): Consolidated Appropriations Act, 2023](#): Text for H.R.2617 - 117th Congress (2021-2022): Consolidated Appropriations Act, 2023.
- [Tracking regulatory changes in the Biden era - Brookings Institution](#): How much regulation is happening under the Biden administration? This tracker helps you monitor a selection of delayed, repealed, and new rules, ...

- [Congressional Record Vol. 170, No. 27 \(Senate - Congress.gov\)](#): And the weakness and appeasement of the Biden administration has emboldened them to sow chaos in every corner of the world. Iran and its ...
- [BY THE NUMBERS: The Inflation Reduction Act | The White House](#): Combined with the Bipartisan Infrastructure Law, it will reduce greenhouse gas emissions by about 1 gigaton in 2030, or a billion metric tons ...
- [Should the new Biden administration commit the United States to ...](#): It actually has, in 1975. It was signed by one Gerald Ford. Since 1975, the metric system was the preferred system of weights and ...
- [Biden signs quantum computing cybersecurity bill into law - FedScoop](#): President Biden on Wednesday signed legislation to encourage federal government agencies to adopt technology that is protected from decryption ...
- [\[PDF\] a history of the metric system controversy in the United States - GovInfo](#): ... ON THE U.S. METRIC STUDY. NBS SP345: A Metric America: A Decision Whose Time Has. Come (issued. August. 1971,. SD Catalog No. C13. 10:345, price \$2.25). Those ... Show results with:Biden

“evidence of President Joe Biden signing or not signing the bill that adopts the metric system”

- [FACT SHEET: President Biden Issues Executive Order on Safe ...](#): The Executive Order establishes new standards for AI safety and security, protects Americans’ privacy, advances equity and civil rights, stands ...
- [FACT SHEET: President Biden Signs Executive Order to Prohibit ...](#): The proliferation of commercial spyware poses distinct and growing counterintelligence and security risks to the United States, including to the ...
- [Tracking regulatory changes in the Biden era - Brookings Institution](#): How much regulation is happening under the Biden administration? This tracker helps you monitor a selection of delayed, repealed, and new rules, ...
- [FedRAMP reform measures enacted as Biden signs NDAA into law](#): President Joe Biden Friday signed legislation to reform the FedRAMP cybersecurity authorization program for cloud vendors which was rolled ...
- [President Biden signs major reconciliation tax bill - Grant Thornton](#): President Biden signs the Inflation Reduction Act into law. The bill will increase taxes more than \$450 billion and create \$260 billion in ...
- [WATCH: Biden signs executive order creating rules for artificial ...](#): Before signing the order, Biden said AI is driving change at warp speed and carries tremendous potential as well as perils.
- [Text - H.R.5376 - 117th Congress \(2021-2022\): Inflation Reduction ...](#): Text for H.R.5376 - 117th Congress (2021-2022): Inflation Reduction Act of 2022.
- [Biden signs quantum computing cybersecurity bill into law - FedScoop](#): President Biden on Wednesday signed legislation to encourage federal government agencies to adopt technology that is protected from ...
- [Biden Signs Orders Aimed at Expanding Health Care](#): President Biden used executive action to reopen enrollment in Affordable Care Act marketplaces, a step in his broader agenda to bolster the ...
- [Biden signs sweeping health, climate and tax bill, a major win for his ...](#): President Joe Biden signed the bill at the White House Tuesday, marking a major accomplishment for his domestic agenda less ahead of midterm ... Missing: adopts system

“documented reasons why the U.S. has not adopted the metric system as of 2024”

- [Why Doesn't the U.S. Use the Metric System? - Britannica](#): The biggest reasons the U.S. hasn't adopted the metric system are simply time and money. ... will be no official phasing out of the IS system anytime soon.
- [Why hasn't the United States switched to the metric system? - Quora](#): The US tried to move to the metric system in the 70's and failed. Since then they have become an island in a metric sea. The

imperial system ...

- [Why The United States Didn't Adopt the Metric System](#): Weird History explained why the United States did not adopt the metric system but instead remained with its own customary system.
- [Why the U.S. hasn't fully adopted the metric system - CNBC](#): Indeed, the U.S. is the only industrialized nation that has yet to widely convert to the metric system. In fact our refusal to convert our own ...
- [The Actual Reasons Why The US Hasn't Adopted The Metric System](#): Among arguments against the adoption of the metric system was the claim that the change would require too much retraining of the current American workforce.
- [What Countries Use the Imperial System? - Science | HowStuffWorks](#): Cost is one reason the U.S. has been slow to adopt the metric system. Converting technical drawings and operations manuals for complex ...
- [The battle of the standards: why the US and UK can't stop fighting ...](#): Despite this official rebuff, the US is definitely much more metric than it first appears. After all, the federal government has relied on ...
- [Why Won't America Go Metric? | TIME](#): Jefferson rejected the metric system, however, because in origin he found it to be too French which was saying something coming from the ...
- [Why doesn't the U.S. adopt the metric system? - Japan Today](#): THE US DID it's just not mandatory!!! The U.S. has not fully adopted the metric system for several reasons: 1. Historical Momentum: The U.S. has ...
- [Metrication in the United States - Wikipedia](#): The U.S. has a national policy to adopt the metric system. All U.S. agencies are required to adopt the metric system. As of January 2023, the U.S. government ... Show results with:documented

How Was This Done?

Generated by [Michael L. Thompson](#) with OpenAI's GPT-4 (gpt-4-turbo-preview).

- **Python-based Jupyter Lab Notebook**: The contents of this document were generated through coded prompting of **OpenAI's GPT-4** using the Python package **instructor** by Jason Liu.
 - Input: the text string “The reason that the U.S. has not adopted the metric system is because President Joe Biden has not signed a bill that adopts the metric system, which Congress has already passed.”
 - Output: this report as an R Markdown text file.
- **GPT-4 Plan Generation**: GPT-4 autonomously generated the query plan (using code based off of an **instructor** example).
- **GPT-4 Plan Execution**: GPT-4 then autonomously executed the plan, which involved the following:
 - writing search queries and initiating calls to **Serper (Google Search API)** for searching,
 - generating responses to the questions in the plan using the searches as context, and
 - creating all text in the Outline, Summary, and Sub-Propositions sections.
- **Python Report Generation**: The Python code then consolidated GPT-4 responses into an R Markdown text file.
- **Manual Rendering**: Manually, this section was written, the Query Plan Outline was re-formatted, and, via **RStudio**, the PDF document was rendered. A few miscellaneous manual formatting corrections were also done. No other content was manually generated or edited.