

HF72 - 0 - Daylight Savings Time Standard Year-Round

Chief Author: **Mike Freiberg**
 Committee: **State Government Finance and Policy**
 Date Completed: **1/25/2021 1:00:03 PM**
 Agency: **MN.IT Services**

State Fiscal Impact	Yes	No
Expenditures		X
Fee/Departmental Earnings		X
Tax Revenue		X
Information Technology	X	
Local Fiscal Impact		
		X

This table shows direct impact to state government only. Local government impact, if any, is discussed in the narrative. Reductions shown in the parentheses.

State Cost (Savings)	Biennium			Biennium		
	Dollars in Thousands	FY2021	FY2022	FY2023	FY2024	FY2025
Total	-	-	-	-	-	-
Biennial Total			-			-

Full Time Equivalent Positions (FTE)	Biennium			Biennium		
		FY2021	FY2022	FY2023	FY2024	FY2025
Total	-	-	-	-	-	-

LBO Analyst's Comment

I have reviewed this fiscal note for reasonableness of content and consistency with the LBO's Uniform Standards and Procedures.

LBO Signature: Joe Harney **Date:** 1/25/2021 1:00:02 PM
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State Cost (Savings) Calculation Details

This table shows direct impact to state government only. Local government impact, if any, is discussed in the narrative. Reductions are shown in parentheses.

*Transfers In/Out and Absorbed Costs are only displayed when reported.

State Cost (Savings) = 1-2		Biennium			Biennium	
Dollars in Thousands	FY2021	FY2022	FY2023	FY2024	FY2025	
Total	-	-	-	-	-	-
Biennial Total			-			-
1 - Expenditures, Absorbed Costs*, Transfers Out*						
Total	-	-	-	-	-	-
Biennial Total			-			-
2 - Revenues, Transfers In*						
Total	-	-	-	-	-	-
Biennial Total			-			-

Bill Description

This bill relates to standards of time and provides for advance standard time (daylight saving time) year-round effective upon authorization by federal law (amendment to United States Code, title 15, section 260a, or another applicable law which authorizes states to observe advanced standard time year-round). The bill will amend Section 1. Minnesota Statutes 2020, section 645.071. The bill would apply to all departments of state government, all counties, cities and towns.

Assumptions

1. MNIT will be responsible for assessment of IT Systems and Software of agencies subject to IT consolidation.
2. MNIT DOT office has provided an estimate based on 475 applications supporting DOT. The statewide fiscal impact is an extrapolation of this.
3. Applications primarily synchronize with Network Time Protocol (NTP) and less at the application code layer. Also there is more diversity in how applications are hosted for NTP (e.g., by the State, SaaS, hybrid/mix, etc.) and synchronize for time

Expenditure and/or Revenue Formula

Much of the state’s application portfolio would likely accept new time zone rules and changes from large vendors (i.e. Microsoft, Cisco, etc.). The estimated implementation investment would be for coordinating, testing and validating assumptions to reduce potential adverse system availability impacts to Minnesotans.

- For project management, development/security changes, testing and release.
- For small- to medium-sized software development costs to address or mitigate compatibility issues between the new time format rules and existing software.

With such a large and complex ecosystem, large fixes discovered in the assessment and implementation will increase the investment need and would benefit from a set-aside contingency budget.

Vendor changes and potential ongoing cost increases passed along to the state are unknown.

MNIT is responsible for approximately 2,880 applications across the state’s enterprise application portfolio. Implementation investment would range from \$3 million to \$6 million for procurement and additional resources.

(\$000)	\$500	\$1000
DOT's Apps	475	475
All Apps	2,880	2,880
Cost/DOT App	\$1	\$2
Cost/All Apps	\$3,032	\$6,063

An updated estimate will need to be refined during the assessment.

Long-Term Fiscal Considerations

An updated estimate will need to be refined during the assessment and timing of authorization of the federal law.

Local Fiscal Impact

The bill when enacted would apply to counties, cities and towns. These local government entities will need to determine costs based on how many IT applications they have.

References/Sources

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