



**YOUNGSTOWN
STATE
UNIVERSITY**

**BOARD OF TRUSTEES
WORKFORCE EDUCATION AND INNOVATION COMMITTEE**

**Charles T. George, Chair
Laura A. Lyden, Vice Chair
All Trustees are Members**

**Thursday, June 6, 2024
4:15 p.m.**

**Board Meeting Room
Tod Hall**

AGENDA

A. Disposition of Minutes

B. Old Business

C. Committee Items

1. Workforce Education and Innovation Committee Discussion Item

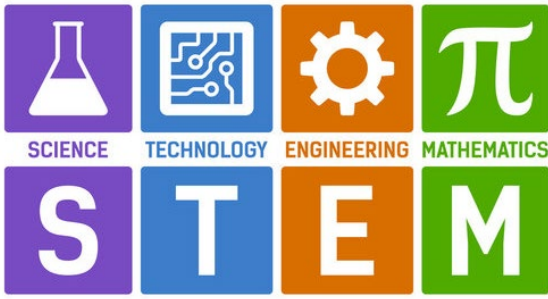
C.1. a = Tab 1

a. DWEI Update

**Dr. Jennifer A. Pintar, Interim Provost, and Vice President for Academic Affairs,
and Dr. Wim Steelant, Dean, STEM College, will report.**

D. New Business

E. Adjournment



STEM & Workforce Education & Innovation

***A Report on Organization, Mission, Goals,
Sustainability, Feasibility
and Key Performance Indicators***



Wim Steelant, May 24, 2024

YOUNGSTOWN STATE UNIVERSITY



***College of
Science, Technology,
Engineering &
Mathematics***



**Workforce
Education & Innovation**
Youngstown State University



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Organization



Division of Workforce Education & Innovation

Youngstown State University



GOAL: CONDUCT AND SUPPORT RESEARCH THAT PROVIDES RELEVANT AND MEANINGFUL EDUCATIONAL EXPERIENCES FOR STUDENTS AND FACULTY THAT ADDS VALUE TO AREA CITIZENS AND REGIONAL PARTNERS

Strategy: Identify areas of research, service, and scholarship, in alignment with the Excellence Training Center (ETC) at Kohli Hall, that focus on teaching and life-long learning and mutually beneficial community engagement






**Division of Workforce
Education & Innovation**
Youngstown State University

+



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 **College of
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Mission, Goals, And Sustainability



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INFORMATION CARD

YOUNGSTOWN STATE UNIVERSITY



College of
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Sustainable

Workforce Education & Innovation - CONCLUSION

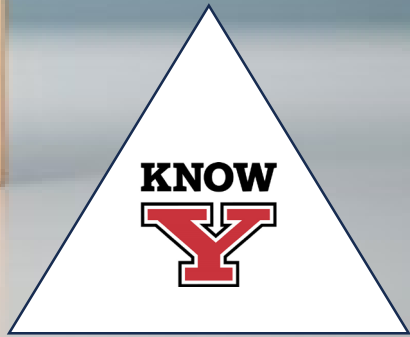
For the next 3 Fiscal Years FY 25 – FY28:

- ➔ *Sufficient funding to pay for Essential ETC Personnel for at least 3 FY*
- ➔ *Sufficient funding to pay for students for at least 3 FY*
- ➔ *Sufficient funding for operational expenses ETC*
- ➔ *\$717,997 annual salary savings due to reorganization and reprioritization*
- ➔ *Fiduciary responsibility has been implemented*
- ➔ *Audit report successfully addressed (Appendix C) with pending burden of proof*



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Feasibility And Key Performance Indicators



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KPI's of Success

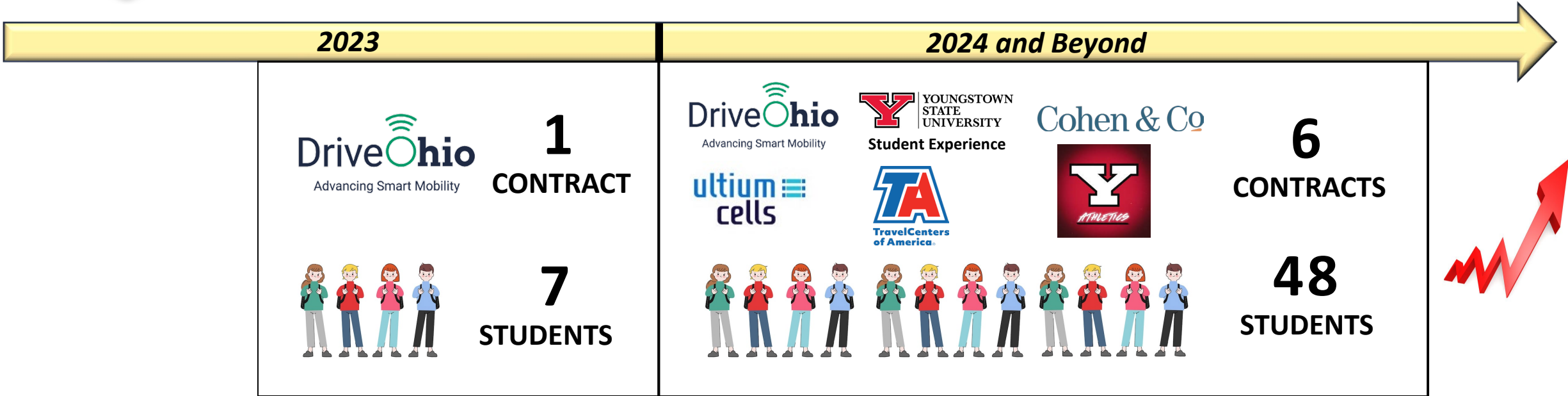
WEI Synchronized with
YSU Strategic Plan: Taking Charge of our Future: 2020 and Beyond



GOAL: IMPLEMENT BEST PRACTICES THAT ADDRESS STUDENT NEEDS THROUGHOUT THE STUDENT LIFE CYCLE TO INCREASE PERSISTENCE, COMPLETION AND POSTGRADUATE SUCCESS

Strategy: Enhance student experiences through implementation of specific initiatives designed to actively engage them in co-curricular and extra-curricular activities

YSU DataMine partners student teams (teams consist of students pursuing different majors) with corporate mentors to work on real-world data analytics projects. This partnership continues to expand with increased student participation.



KPI's of Success

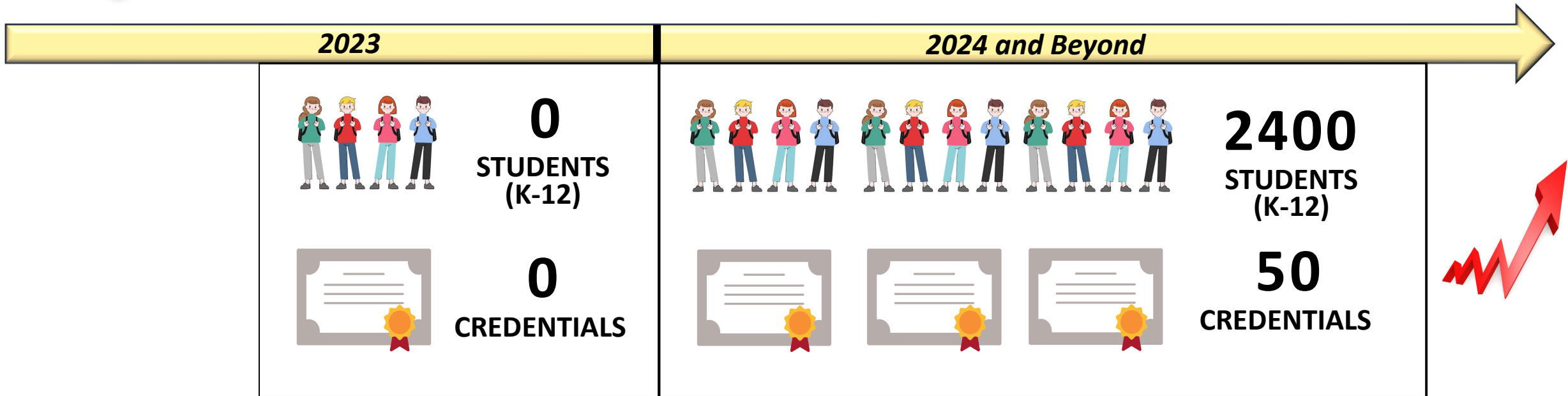
WEI Synchronized with
YSU Strategic Plan: Taking Charge of our Future: 2020 and Beyond



GOAL: DEVELOP A RECRUITMENT AND ENROLLMENT STRATEGY THAT ALLIGNS WITH A COMPLETION STRATEGY

Strategy: Expand and Enhance outreach and engagement with students prior to enrollment

The Williamson Innovation Park will allow YSU Students, K-12 and workforce students to be engaged in hands-on experiences and credentialing. STEM roughly converts about 30% of all K-12 students that have engaged with us into attending YSU students.



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KPI's of Success

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GOAL: CONDUCT AND SUPPORT RESEARCH THAT PROVIDES RELEVANT AND MEANINGFUL EDUCATIONAL EXPERIENCES FOR STUDENTS AND FACULTY THAT ADDS VALUE TO AREA CITIZENS AND REGIONAL PARTNERS

Strategy: Identify areas of research, service, and scholarship, in alignment with the Excellence Training Center (ETC) at Kohli Hall, that focus on teaching and life-long learning and community engagement

2024 and Beyond

7010+
PEOPLE



The Excellence Training Center has hosted 146 different events that have brought in more than 7000 people since the Grand Opening.



319
COMPANIES

Throughout the Mahoning, Trumbull, Columbiana and multiple neighboring counties, over 300 unique companies have come through the facility.

ETC Data as of April 2024

876
CREDENTIALS



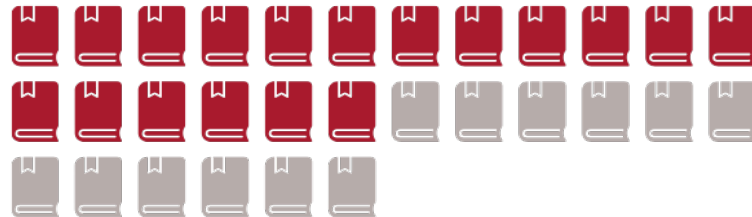
issued at the ETC
722 Credentials/Certificates
154 K-12 Certificates of Participation

Online Skills
Accelerator



2019+

Students have taken classes at the ETC



The ETC has hosted 88 for-credit classes and over 100 Workforce Development or Non-credit courses.



2123
STUDENTS

More than 2000 students from area schools have toured the ETC exploring STEM degree opportunities and alternative educational pathways.



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KPI's of Success

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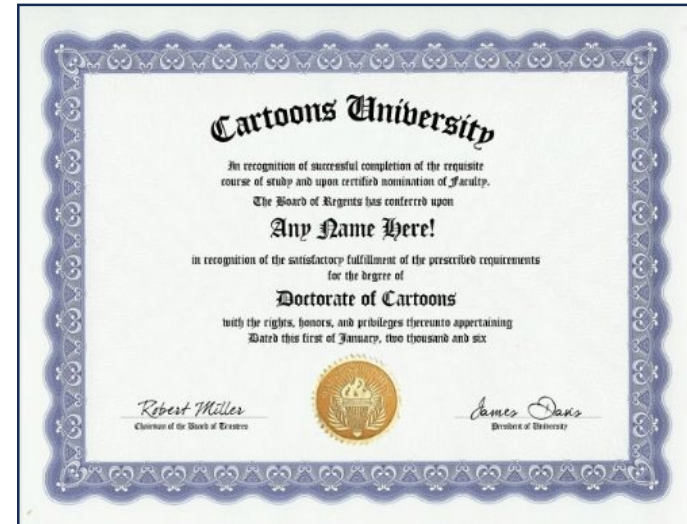
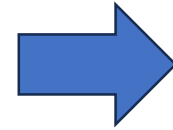
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GOAL: DEVELOP A CULTURE OF ASSESSMENT THAT ENSURES THE QUALITY OF ACADEMIC PROGRAM MAJORS, MINORS, AND OTHER CREDENTIALS

Strategy: Develop a mechanism to continually identify, assess, and implement new academic programs, badges, credentials, certifications or coursework integration

GOAL: ESTABLISH UNIVERSAL LEARNING OUTCOMES TO ENHANCE THE VALUE OF A YSU DEGREE

Strategy: *Revise General Education Requirements to reflect the learning outcomes approved by Academic Senate*



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Transition Flow Chart of Different Types of Credentials into the STEM Curriculum



Outside Feeders

- Companies
David Janofa, Sherri Hrusovski
- Career & Tech Centers
David Janofa, Sherri Hrusovski
- High Schools (School Districts)
David Janofa, Sherri Hrusovski, Emilie Brown
- TechCred/Techprep
David Janofa, Sherri Hrusovski
- Ohio Employment Agency
David Janofa, Sherri Hrusovski, Erica Shirilla
- JobsOhio
David Janofa, Wim Steelant
- Other

Converts Directly

YSU WEI

- Industry credentials
Jackie Ruller
- Other credentials
Lindsey Ekstrand, Erica Shirilla

YSU STEM Programs

Department Chairs, Coordinators and Faculty

Credits towards:

General Education Requirement

Embed specific credentials that count towards GERs for all STEM programs

Associate degrees

*Information technology
Civil and Construction Engineering Technology
Electrical Engineering Technology
Mechanical Engineering Technology
Welding; Machining*

Bachelor degrees

Applies to all STEM programs but mostly Engineering and Engineering Technology

Credential Equate Committee (CEC)

This committee equates all possible credentials towards academic credit and should consist of all program coordinators, chairs and the STEM Accreditation Director. This will ensure uniformity, consistency as well as ensuring that all accreditation standards such as ABET, ACS and HLC are followed.

Feasibility

Original

If we want to incorporate the DWEI into STEM and be successful, some changes will need to happen with reclassifications and hiring additional staff

		Reclassifications and New Positions	Cost		
Name	Current Title	New Title	YSU Budget	College Fees	Soft Money
Jackie Ruller	Director	Executive Director WEI			\$25,000
Erica Shirilla	Office Admin	Assistant Director skills accelerator			\$5,000
Sherri Hrusovski	Exec Director	N/A		\$30,000	
Quan Tran	Coordinator	Associate Director Internship and Coops		\$13,406	
Emilie Brown	Coordinator	Director Outreach and Scholarships	\$23,406		
Justin Kleemook	Coordinator	Assistant Director	\$7,000		
Steve Richards	STEM lab spec II	Project Manager STEM	\$10,000		
Anwar Islam	Professor Civil Eng	Executive Director Academic Affairs & Accreditation		\$35,000*	
Wim Steelant	Dean	Dean and Associate Provost WEI			\$30,000**
NEW PENDING	Coordinator Undergrad Int & Coops*	*This position was requested in August	\$43,000		
NEW	Coordinator Undergrad Int & Coops				\$43,000
NEW PENDING	Coordinator K-12 outreach*	*This position was requested in August	\$43,000		
NEW	Assistant Director COFSP, Scholarships				\$55,000
NEW	Machinist				\$55,000
		Subtotal	\$126,406	\$78,406	\$213,000
		***Total + FB (13%)	\$142,839	\$88,599	\$240,690

Feasibility

Revised

If we want to incorporate the DWEI into STEM and be successful, some changes will need to happen with reclassifications and hiring additional staff

		Reclassifications and New Positions	Cost		
Name	Current Title	New Title	YSU Budget	College Fees	Soft Money
Jackie Ruller	Director	Executive Director WEI			\$20,000
Erica Shirilla	Office Admin	Assistant Director skills accelerator			\$6,000
Sherri Hrusovski	Executive Director	N/A		\$25,000	
Quan Tran	Coordinator	Associate Director Internship and Coops		\$13,000	
Emilie Brown	Coordinator	Director Outreach and Scholarships	\$20,000		
Justin Kleemook	Coordinator	Assistant Director	\$7,000		
Steve Richards	STEM lab spec II	Project Manager STEM	\$10,000		
Anwar Islam	Professor Civil Eng	Executive Director Academic Affairs & Accreditation		\$30,000*	
Wim Steelant	Dean	Dean and Associate Provost WEI			\$30,000
NEW PENDING	Coordinator COFSP, Scholarships	New request	\$43,000		
NEW PENDING	Coordinator Undergrad Int & Coops*	This position was requested in August	\$43,000		
NEW PENDING	Coordinator K-12 outreach*	This position was requested in August			\$43,000
		Subtotal	\$123,000	\$68,000	\$99,000
		**Total + FB (13%)	\$138,990	\$76,840	\$111,870

summer salary. He remains faculty

** Supplemental pay is 13% FB

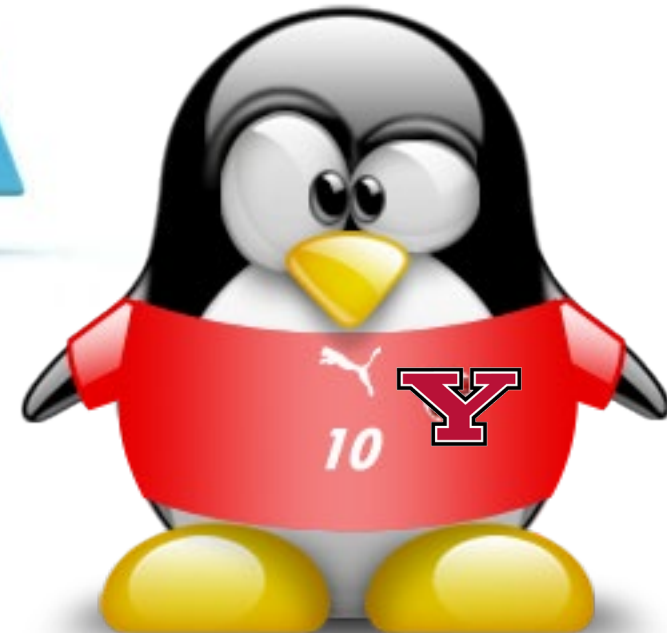
↓ 3%

↓ 13%

↓ 54%



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