



October 2021

Student Voting Rates for Michigan Technological University

2020 NSLVE Campus Report



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College of Civic Life



INSTITUTE FOR DEMOCRACY
& HIGHER EDUCATION

October 2021

Dear Colleagues:

We are pleased to send this tailored report containing your students' voting rates for 2020. This report contains three years of relevant topline data: 2016, 2018, and 2020. As always, we disaggregate the data so you can better identify and address gaps in participation.

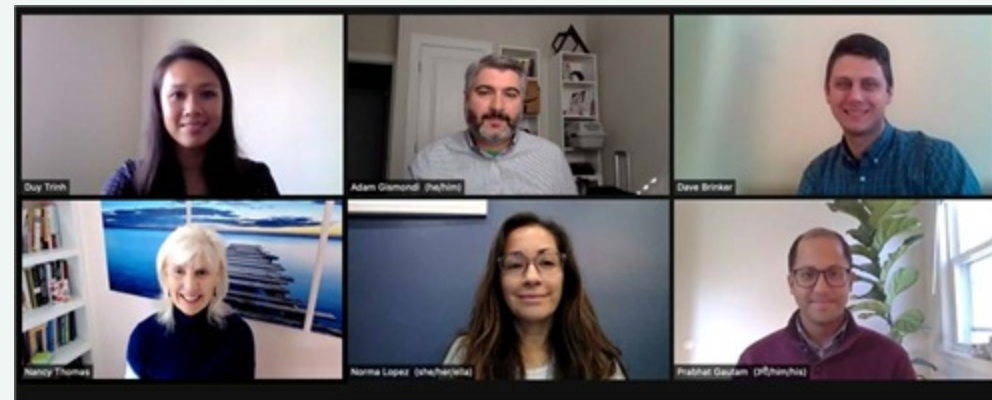
College and university students participated in record-breaking numbers in the 2020 election. In 2016, the Average Institutional Voting Rate was 53%. This year, it jumped to 66%. We encourage you to review Democracy Counts 2020, our most recent national report.

As in past years, we urge you to share this report widely and strategically, particularly with faculty who, in 2020, were often the most consistent communicators with students about ever-changing voting conditions and deadlines. We also urge you to review our recommendations for engaging elections to cultivate a robust and healthy campus climate for political engagement, discourse, equity, and participation: Election Imperatives (2019) and the more recent Election Imperatives: A Time of Physical Distancing and Social Action. Since "pervasive political discussions" and attentiveness to the campus culture around speech and academic freedom are among our top recommendations, we direct you to our discussion guides on talking about your NSLVE report, on free speech and inclusion, and on hot topics, our Making Sense of ... guides.

Finally, we always encourage you to work with us. Help us help you get better data by reaching out. Email IDHE@Tufts.edu for more information. And as always, watch your inbox for our periodic newsletter, IDHE Update, for announcements about upcoming releases and new resources.

Congratulations on engaging your students in the 2020 election. Remember, student political learning is a year-round objective. Elections may be episodic, but student political engagement should not be.

All the Best,
IDHE Team



(Top Row from left) Duy Trinh, Program Administrator; Adam Gismondi, Director of Impact; Dave Brinker, Senior Researcher;
(Bottom Row from left) Nancy Thomas, Director; Norma López, Postdoctoral Scholar; Prabhat Gautam, Data Manager.

We also want to acknowledge and thank **Syed Golam Mohaimen, M.S. student in Data Science at Tufts University** for his contributions toward the creation of these reports.

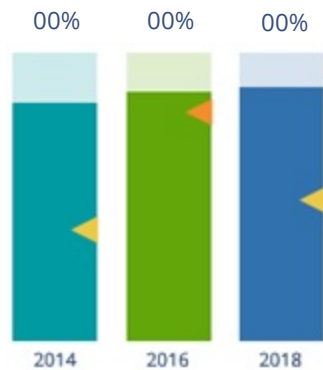
In This Report

This report presents data on student voter participation rates for your campus. The topline counts on page 5 tells you how many students voted, but we encourage you to look carefully at the data on subsequent pages to learn who voted. Data are presented in the form of vessel charts, overlapping donut charts, and tables.

	2014			2018			2014-2018 Change (p.p.)
	Enrolled	Voted	Rate (%)	Enrolled	Voted	Rate (%)	
Asian	-	-	-	-	-	-	-
American Indian/ Alaska Native	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-
Hispanic	-	-	-	-	-	-	-

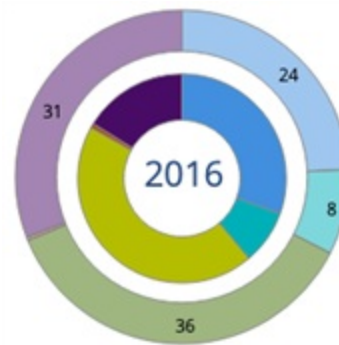
Tables

The tables show, on the left-side columns, the numbers of students and the rates from 2016, 2018, and 2020. On the left-side, percentage point (p.p.) changes between 2016 and 2020. A red down arrow indicates a decrease, a green up arrow indicates an increase, and a yellow arrow pointing to the right indicates no change. "-" in these tables indicates that the data is unavailable/missing, or is available for 10 or less students.



Vessel Chart

This chart shows rates out of 100%, with arrows to the right of each bar representing relevant national averages (medians), which you can find in IDHE's national report Democracy Counts 2020.



Overlapping Donut Chart

This chart is used to show the breakdown of vote method utilization (page 10), with the outer ring showing your campus method utilization and the inner ring showing the national breakdown. These are described in percentages.

Voting, Registration and Yield Rates

YOUR INSTITUTION

56.8%

2020 Voting Rate

+20.9

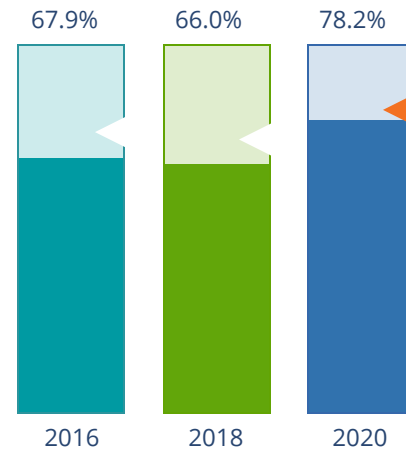
Change From 2016

ALL INSTITUTIONS

66%

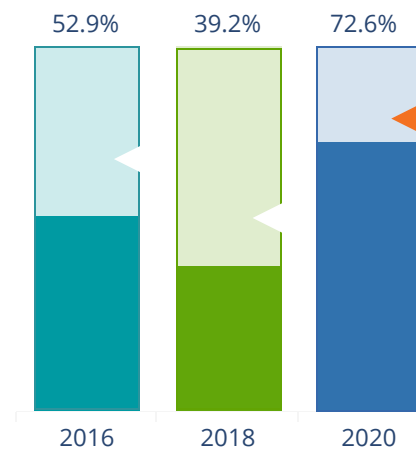
2020 Voting Rate

REGISTRATION RATE



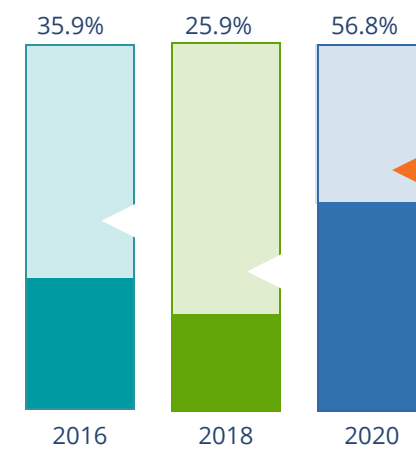
The **Registration Rate** is the percent of your voting-eligible students who registered to vote.

VOTING RATE OF REGISTERED STUDENTS



The **Voting Rate of Registered Students** is the percent of registered students who voted on Election Day. We often refer to this as the “yield” rate.

VOTING RATE



The **Voting Rate** is the percentage of eligible students who voted on Election Day. The voting rate is also the product of the registration and yield rates.

Looking Closer

Voting and Registration Rates

	2016	2018	2020	2016-2020 Change (p.p.)
Total Student Enrollment	7,201	7,119	6,796	↓ -406
(Age under 18/Unknown)	-	-	-	-
(IPEDS estimated non-resident aliens)	1,052	900	616	↓ -437
(FERPA records blocked)	-	-	-	-
(Non-Degree Seeking Students)	157	123	144	↓ -13
Total eligible voters	5,986	6,090	6,033	↑ 47
Number of students who registered	4,063	4,020	4,719	↑ 656
Number of students who voted	2,148	1,577	3,427	↑ 1,279
Registration Rate %	68	66	78	↑ 10
Voting Rate of Registered Students %	53	39	73	↑ 20
Voting Rate %	36	26	57	↑ 21

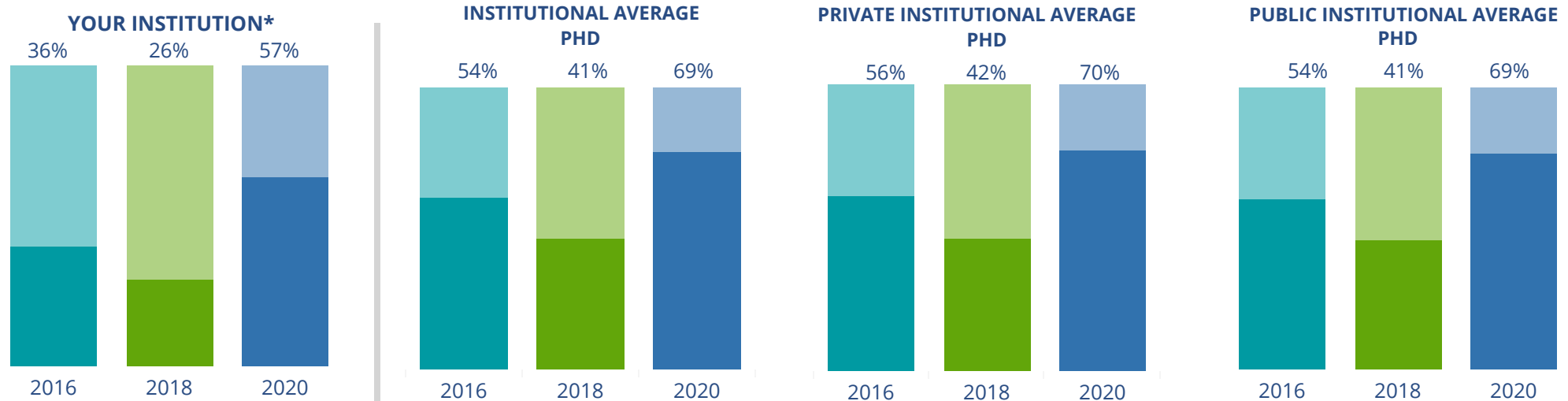
This page provides the numbers we used to calculate your voting, registration, and yield rates. The sub-categories under total student enrollment are the adjustments that we make to account for students who are ineligible to vote due to age or citizenship status. We also exclude, when correctly flagged, students who are not pursuing degrees.

We use IPEDS-derived estimates of NRAs when institutions do not submit non-resident alien status data to NSC, or we cannot verify the accuracy of the reported counts. This estimate is given by "IPEDS estimated non-resident aliens" on this page. If you believe the number of international students reported on this report is incorrect, you can manually adjust your institution's voting rates by using our recalculation tool. <https://id-he.tufts.edu/nslve/nslve-recalculation-tool>.

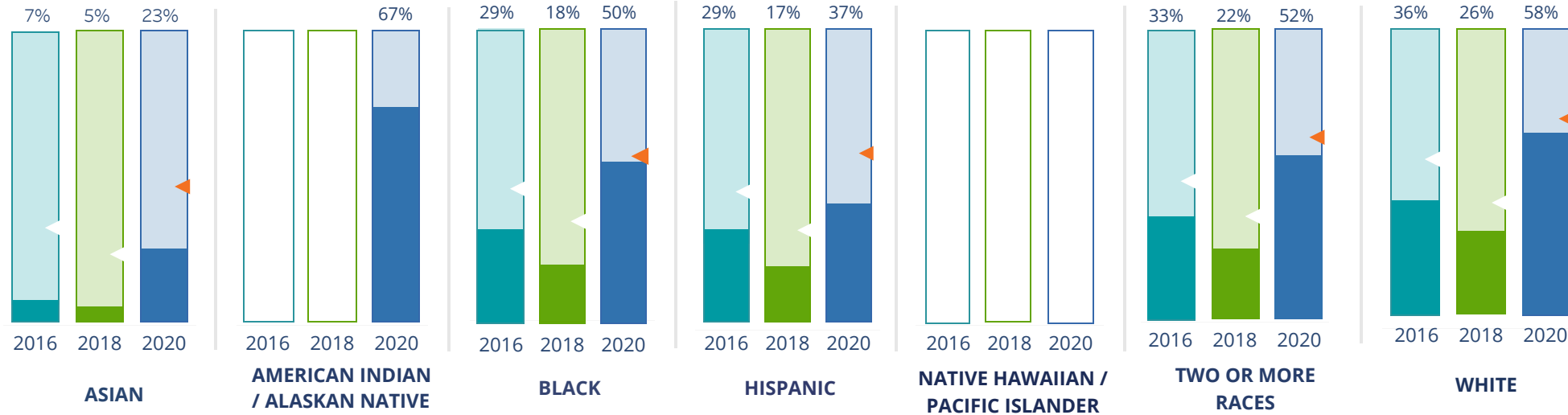
By Institution Types



These are estimated voting rates of your institution compared to the average voting rates of similar institutions in NSLVE. *"Your Institution" chart is presented at a different scale.



By Race / Ethnicity



These are estimated voting rates for race / ethnicity groups. These classifications are provided by campuses and are obtained following race reporting procedures* defined by the National Center for Education Statistics of the Institute of Education Sciences (IES). Please see our FAQ for more detail on why we cannot report national benchmark for some of the demographic groups:

<https://tufts.app.box.com/v/idhe-nslve-report-faq>

If you notice unavailable/missing data in this page, it could mean any of the following for your institution: (i) does not report this data; (ii) did not provide this data in past years; (iii) does not separately submit data for one or more of the demographic groups, or (iv) the data is reported for 10 or fewer students.

* <https://nces.ed.gov/ipeds/report-your-data/race-ethnicity-collecting-data-for-reporting-purposes>

Looking Closer

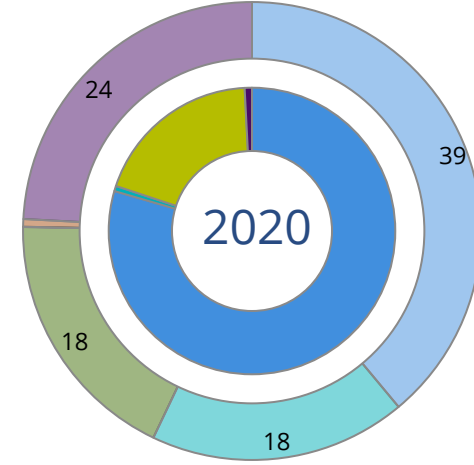
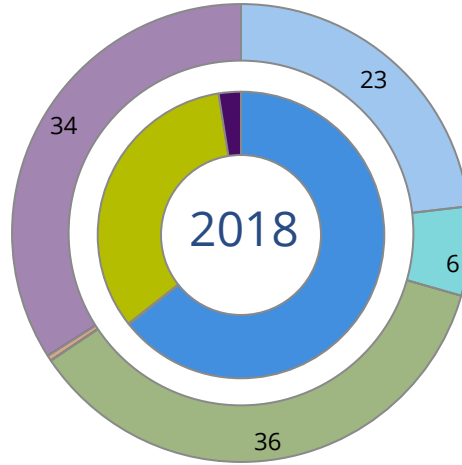
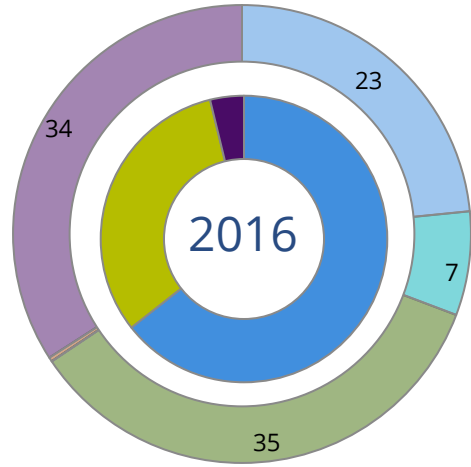
By Race/Ethnicity

This page provides the numbers we used to calculate race / ethnicity group voting rates. We include the counts of students and the change in rates between the two most recent comparable election years. If you notice unavailable/missing data in this page, it could mean any of the following for your institution: (i) does not report this data; (ii) did not provide this data in past years; (iii) does not separately submit data for one or more of the demographic groups, or (iv) the data is reported for 10 or fewer students.

	2016			2018			2020			2016-2020 Change (p.p)
	Enrolled	Voted	Rate	Enrolled	Voted	Rate	Enrolled	Voted	Rate	
Asian	238	17	7	251	13	5	229	52	23	↑ 16
American Indian/ Alaska Native	22	-	-	25	-	-	24	16	67	-
Black	83	24	29	83	15	18	76	38	50	↑ 21
Hispanic	123	35	28	129	22	17	152	56	37	↑ 8
Native Hawaiian/ Pacific Islander	-	-	-	-	-	-	-	-	-	-
2 or More Races	169	55	33	203	45	22	233	120	52	↑ 19
White	5,425	1,945	36	5,495	1,444	26	5,330	3,066	58	↑ 22
Race Unknown	952	63	7	784	33	4	587	79	13	↑ 7

By Voting Method

■ Not-In-Person
 ■ Early Vote
 ■ In-Person
 ■ Other
 ■ Provisional
 ■ Unknown



	2016		2018		2020		2016-2020	
	Voted	Rate	Voted	Rate	Voted	Rate	Change (p.p.)	
Early Vote	-	-	-	-	19	1	-	
In-Person on Election Day	684	32	522	33	654	19	-13	↓
Not-In-Person	1,383	64	1,014	64	2,726	80	15	↑
Other	-	-	-	-	-	-	-	
Provisional	-	-	-	-	-	-	-	
Voting Method Unknown	80	4	40	3	28	1	-3	↓

These are estimated rates for vote method utilization, the number of students utilizing each method, and the percent of students utilizing each method. Not all U.S. states provide information on vote method; voting method for voter files from these states are classified "Voting Method Unknown." For a list of these states, see our FAQ. <https://idhe.tufts.edu/nslve/nslve-faq#CampusReports>

By Age Group

	2016	2018	2020
18-21	34%	23%	54%
22-24	26%	23%	56%
25-29	17%	16%	31%
30-39	33%	28%	33%
40-49	46%	36%	61%
50+	61%	50%	67%

Voting is habit-forming and young voters will usually continue as voters in subsequent elections.

Also, young voters are more likely to be contacted by campaigns and are visible, and therefore significant, to elected officials. While in the past, we have seen voting rates increase across age groups, in recent cycles, the most significant increases have been among first-time and the youngest voters. Some colleges serve primarily young students, traditionally viewed as students in the 18-21 or 22-24 categories here. Others have much higher numbers of enrolled older undergraduate or graduate students.

Looking Closer

By Age Group

Here, we provide the numbers of students in each age category and the voting rates for each group. These are based on the student's age on the day of the election, as calculated by the National Student Clearinghouse using data from student enrollment records.

	2016			2018			2020			2016-2020	
	Enrolled	Voted	Rate	Enrolled	Voted	Rate	Enrolled	Voted	Rate	Change (p.p)	
18-21	4,356	1,473	34	4,308	988	23	4,191	2,267	54	↑ 20	
22-24	1,574	407	26	1,612	365	23	1,485	829	56	↑ 30	
25-29	667	113	17	675	107	16	578	181	31	↑ 14	
30-39	315	104	33	286	81	28	290	95	33	↓ 0	
40-49	69	32	46	59	21	36	57	35	61	↑ 15	
50+	31	19	61	30	15	50	30	20	67	↑ 5	

Looking Closer

By Sex

	2016			2018			2020			2016-2020	
	Enrolled	Voted	Rate	Enrolled	Voted	Rate	Enrolled	Voted	Rate	Change (p.p)	
Female	1,875	701	37	1,947	531	27	1,932	1,109	57	↑	20
Male	5,135	1,446	28	5,023	1,046	21	4,699	2,318	49	↑	21

These are estimated voting rates for sex groups and the numbers we used to calculate their voting rates. These classifications are provided by campuses and are obtained following the reporting procedures defined by the National Center for Education Statistics (NCES) of the Institute of Education Sciences (IES). Presently, NCES requires institutions to report students as “Male” or “Female” only.*

If you notice missing data in this page, it could mean any of the following for your institution: (i) does not report this data; (ii) did not provide this data in past years; (iii) does not separately submit data for one or more of the demographic groups, or (iv) the data is reported for 10 or fewer students.

*<https://surveys.nces.ed.gov/ipeds/public/survey-materials/faq?faqid=11>

Looking Closer

By Education Level / Undergraduate Class Year

	2016			2018			2020			2016-2020	
	Enrolled	Voted	Rate (%)	Enrolled	Voted	Rate (%)	Enrolled	Voted	Rate (%)	Change (p.p)	
EDUCATION LEVEL											
Undergraduate	5,663	1,906	34	5,692	1,360	24	5,476	3,045	56	↑	22
Graduate	1,342	238	18	1,276	215	17	1,153	382	33	↑	15
Class Unknown	-	-	-	-	-	-	-	-	-	-	-
CLASS YEAR											
First Year	1,513	31	463	1,339	16	219	1,230	47	583	↑	17
Second Year	1,243	35	439	1,266	22	283	1,209	55	665	↑	20
Upper Level	2,867	35	992	3,057	28	853	3,017	59	1,786	↑	25
ENROLLMENT STATUS											
Full-time	6,506	1,967	30	6,522	1,437	22	6,038	3,118	52	↑	21
Part-time	506	181	36	448	140	31	593	309	52	↑	16

These are estimated voting rates by Education Level (undergraduate/graduate), Class Year, and Enrollment Status (full-time/part-time), and the numbers we used to calculate these rates.

If you notice missing data in this page, it could mean any of the following for your institution: (i) does not report this data; (ii) did not provide this data in past years; (iii) does not separately submit data for one or more of the demographic groups, or (iv) the data is reported for 10 or fewer students.

By Field of Study

FIELDS	2016			2018			2020			2016-2020
	Enrolled	Voted	Rate	Enrolled	Voted	Rate	Enrolled	Voted	Rate	Change (p.p)
Biological and Biomedical Sciences	220	85	39	211	55	26	224	118	53	↑ 14
Business, Management, and Marketing	291	108	37	327	92	28	333	208	62	↑ 25
Communication and Journalism	38	21	55	51	21	41	35	21	60	↑ 5
Communications Technologies/Technicians	35	14	40	31	11	35	39	21	54	↑ 14
Computer and Information Sciences	440	122	28	507	114	22	597	310	52	↑ 24
Education	31	15	48	15	-	-	-	-	-	-
Engineering and Engineering Technologies	4,691	1,382	29	4,624	948	21	4,163	2,093	50	↑ 21

These are estimated voting rates by field of study, and the numbers we used to calculate the field of study rates. For an explanation of CIP codes, please see our FAQ.* There are roughly 8,000 fields of study among U.S. colleges and universities, so we provide rates for condensed categories.

*<https://tufts.app.box.com/v/idhe-nslve-report-faq>

By Field of Study

FIELDS	2016			2018			2020			2016-2020 Change (p.p)
	Enrolled	Voted	Rate	Enrolled	Voted	Rate	Enrolled	Voted	Rate	
English Language and Literature	57	21	37	51	-	-	42	13	31	↓ -6
Health Professions	83	35	42	94	42	45	75	52	69	↑ 27
History	-	-	-	-	-	-	-	-	-	-
Liberal Arts and Sciences, and Humanities	231	72	31	144	27	19	177	89	50	↑ 19
Mathematics and Statistics	141	30	21	173	44	25	188	98	52	↑ 31
Multi/Interdisciplinary Studies	51	23	45	17	-	-	31	15	48	↑ 3
Natural Resources and Conservation	181	71	39	217	67	31	232	132	57	↑ 18
Parks, Recreation, Leisure, and Fitness Stu..	83	27	33	96	31	32	76	41	54	↑ 21
Physical Sciences	239	62	26	237	38	16	224	95	42	↑ 16
Psychology	39	11	28	39	13	33	39	20	51	↑ 23
Public Administration and Social Service P..	17	-	-	20	-	-	23	-	-	-
Social Sciences	61	22	36	57	21	37	82	58	71	↑ 35
Visual and Performing Arts	15	-	-	22	-	-	27	15	56	-
Unknown	61	11	18	21	-	-	-	-	-	-

About This Report

Thank you for participating in the National Study of Learning, Voting, and Engagement.

Since NSLVE's launch in 2013, nearly 1,200 colleges and universities have signed up to receive their voting rates for the 2012, 2014, 2016, 2018, and 2020 federal elections.

Along with others, your institution's participation in this study has allowed us to build a robust database of over 50 million college student records, about 10 million for each election year, that serve as a foundation for innovative research on college student political learning and engagement in democracy.

NSLVE is a signature initiative of the Institute for Democracy and Higher Education (IDHE) at Tufts University's Jonathan M. Tisch College of Civic Life. The mission of IDHE is to shift college and university priorities and culture to advance political learning, agency, and equity. We achieve our mission through research, resource development, technical assistance, and advocacy.

About the Data

The voter registration and voting rates in this report reflect the percentage of your institution's students who were eligible to vote and who actually voted in the 2016, 2018, and 2020 elections.

These results are based on enrollment records your institution submitted to the National Student Clearinghouse (NSC) and publicly available voting files collected by L2 Political.

Enrollment lists are adjusted by deducting students under age 18 (at the time of the election), people identified as non-degree seeking and those identified by campuses as "nonresident aliens" (NRAs) (the federal government's category for mostly international students). Unfortunately, not all campuses report NRAs to NSC. For those campuses, we use IPEDS to calculate the number of NRA students on each campus and adjust NSC enrollment numbers to estimate the number of students to remove. We also quality check NRA removals by verifying that there is little to no discrepancy between the number of international students reported by the campus to IPEDS and to NSC. We cannot adjust subgroup analyses absent identification of NRAs verified by the process above. We welcome closer partnerships with individual colleges and universities to provide more accurate rates. For more on the data and the matching process, see our FAQ on Campus Reports.

Michigan Technological University

Thank you for the work you do to improve your students' political learning and engagement. We hope that you find your NSLVE report useful. For up-to-date news on NSLVE data, resources, and to sign up for our newsletter visit: <https://idhe.tufts.edu>.

References: IDHE encourages report recipients to share this report as broadly as possible, including posting it on the college or university's website. When doing so, please use the following citation: Institute for Democracy & Higher Education: National Study of Learning, Voting and Engagement. (2021). 2016, 2018, and 2020 report for _____ [name of institution]. Medford, MA.



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