

Table 3.1 Higher Education Price Index®, 2010-2021

Compiled by Regression Analysis of Components, FY 1961-2001
Reported data through March 23, 2021

Fiscal year	Regression HEPI	Faculty salaries (H1.1)	Admin salaries (H1.6)	Clerical (H2.3)	Service employees (H2.5)	Fringe benefits (H3.0)	Misc services (H4.5)	Supplies & mat'l (H5.0)	Utilities (H8.0)
2010	281.8	280.6	337.6	255.2	230.0	402.8	255.8	179.3	193.6
2011	288.4	284.5	343.2	260.2	233.2	417.6	260.3	193.9	201.5
2012	293.2	289.6	352.3	264.8	235.7	425.3	264.6	204.0	191.7
2013	297.8	294.6	362.4	269.8	239.4	437.5	269.4	180.0	195.6
2014	306.7	301.0	366.4	274.8	242.0	458.3	274.2	200.2	211.4
2015	312.9	306.4	381.9	280.4	248.4	484.0	279.8	190.7	183.5
2016	317.7	318.2	393.3	289.1	253.3	487.9	285.7	179.5	146.5
2017	327.4	326.0	405.2	297.3	262.7	501.6	290.7	180.1	167.8
2018	336.1	333.6	414.1	305.9	271.6	516.3	297.8	187.9	170.7
2019	346.0	342.2	424.1	316.6	282.5	534.1	304.8	195.6	172.3
2020	352.7	351.4	430.3	326.6	293.9	549.6	313.2	188.8	145.3
2021 Preliminary Forecast *	360.4							189.7	144.7
2010	0.9%	1.2%	2.0%	1.4%	1.4%	2.1%	1.1%	-1.3%	-9.5%
2011	2.3%	1.4%	1.7%	2.0%	1.4%	3.7%	1.8%	8.1%	4.1%
2012	1.7%	1.8%	2.7%	1.7%	1.1%	1.8%	1.7%	5.2%	-4.9%
2013	1.6%	1.7%	2.9%	1.9%	1.6%	2.9%	1.8%	-11.7%	2.0%
2014	3.0%	2.2%	1.1%	1.9%	1.1%	4.8%	1.8%	11.2%	8.1%
2015	2.0%	1.8%	4.2%	2.1%	2.6%	5.6%	2.1%	-4.8%	-13.2%
2016	1.5%	3.8%	3.0%	3.1%	2.0%	0.8%	2.1%	-5.8%	-20.2%
2017	3.0%	2.5%	3.0%	2.8%	3.7%	2.8%	1.7%	0.3%	14.5%
2018	2.6%	2.3%	2.2%	2.9%	3.4%	2.9%	2.4%	4.3%	1.7%
2019	3.0%	2.6%	2.4%	3.5%	4.0%	3.5%	2.4%	4.1%	0.9%
2020	1.9%	2.7%	1.5%	3.2%	4.0%	2.9%	2.8%	-3.5%	-15.7%
2021 Preliminary Forecast *	2.2%							0.5%	10.5%
<i>Coefficients</i>	-0.286286907	0.3537417	0.104289477	0.18408585	0.082314791	0.131020859	0.022899544	0.055138426	0.068247106
	Intercept	Faculty	Admin	Clerical	Service	Fringe	Services	Supplies	Utilities
SUMMARY OUTPUT									
	<i>Regression Statistics</i>								
Multiple R	0.999998904								
R Square	0.999997809								
Adjusted R Square	0.999997261								
Standard Error	0.096391663								
Observations	41								

* 2021 Preliminary Forecast: This estimate of HEPI is calculated by inserting into the model a combination of actual new data points, where they have become available, and forecasts of the remaining data points based upon historical information. Numbers in blue are updated monthly.

IMPORTANT NOTES:

As of this forecasting, we have only been able to include information for Supplies & Materials plus Utilities, the most volatile basket items, and the numbers are both positive; these are the only items that do not measure salary changes. As a consequence this forecast does not include salary data for the other six HEPI components. Also, due to COVID-19, we are working to fully understand the impact on salary data. As data comes in over the next few months, we will work to analyze the data and have a better grasp on how salaries are being impacted.