

The Cost Of College

The table below lists the historic average cost of attending both 2 and 4 year public colleges and 4 year private colleges. Total cost includes tuition and fees plus room and board.



- 1) Compute the percentage change in cost from period to period. Round your answers to the nearest 1/10th percent. This first one is done for you as an example.

$$(\$824 - \$391) / \$391 = 1.1074 \times 100 = 110.7\%$$

School Year	Tuition and Fees at Public 2 Year In-State	% Change at Public 2 Year In-State	Total Cost at Public 4 Year In-State On Campus	% Change at Public 4 Year In-State	Total Cost at Private 4 Year On Campus	% Change at Private 4 Year
1980-81	\$ 391	XXXXXX	\$ 2,027	XXXXXX	\$ 5,594	XXXXXX
1990-91	\$ 824	110.7%	\$ 5,243	158.7%	\$13,237	136.6%
2000-01	\$1,333	61.8%	\$ 8,653	65.0%	\$21,856	65.1%
2010-11	\$2,441	83.1%	\$15,919	84.0%	\$32,517	48.8%
2020-21	\$3,501	43.4%	\$21,337	34.0%	\$46,313	42.4%
2022-23	\$3,862	10.3%	\$25,707	20.5%	\$54,501	17.1%

- 2) Aaron started his degree at the local community college in 2022-23 and attended there for two years. Starting his third year, he transferred to an in-state university and lived on campus. He finished his degree at the university in two years. If all costs increased by 5% a year, what was the total cost of his degree? Round all answers to the nearest dollar.

1st Year Cost..... \$ 3,862
 2nd Year Cost..... \$ 4,055
 3rd Year Cost \$ 28,342
 4th Year Cost..... \$ 29,759
 Total \$ 66,018