



CTE DATA TRENDS: PRODUCTIVITY

Productivity is the ratio of students to faculty, specifically the ratio of FTES to FTEF. FTES refers to the number of full-time equivalent students within an academic year. FTEF refers to the number of full-time equivalent faculty within an academic year.

From 2011-12 through 2016-17, productivity steadily declined in both career and technical education (CTE) courses and non-CTE courses. CTE productivity has steadily increased since 2017-18 while non-CTE productivity increased in 2017-18 then decreased in 2018-19.

Figure 1. CTE and non-CTE productivity, 2011-12 to 2018-19

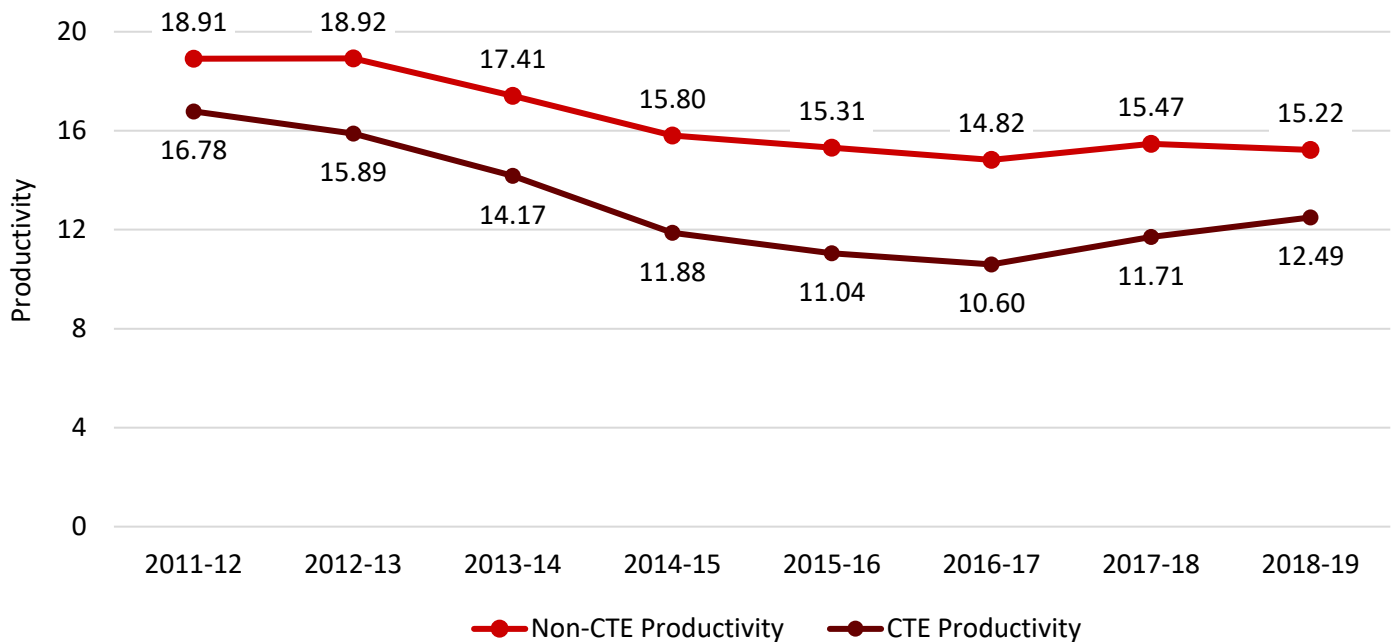


Table 1. CTE and non-CTE productivity, 2011-12 to 2018-19

Academic year	Non-CTE Productivity	CTE Productivity	Total Productivity
2011-12	18.91	16.78	18.26
2012-13	18.92	15.89	17.96
2013-14	17.41	14.17	16.37
2014-15	15.80	11.88	14.51
2015-16	15.31	11.04	13.85
2016-17	14.82	10.60	13.36
2017-18	15.47	11.71	14.16
2018-19	15.22	12.49	14.26

Figure 2. CTE and non-CTE full time equivalent students (FTES), 2011-12 to 2018-19

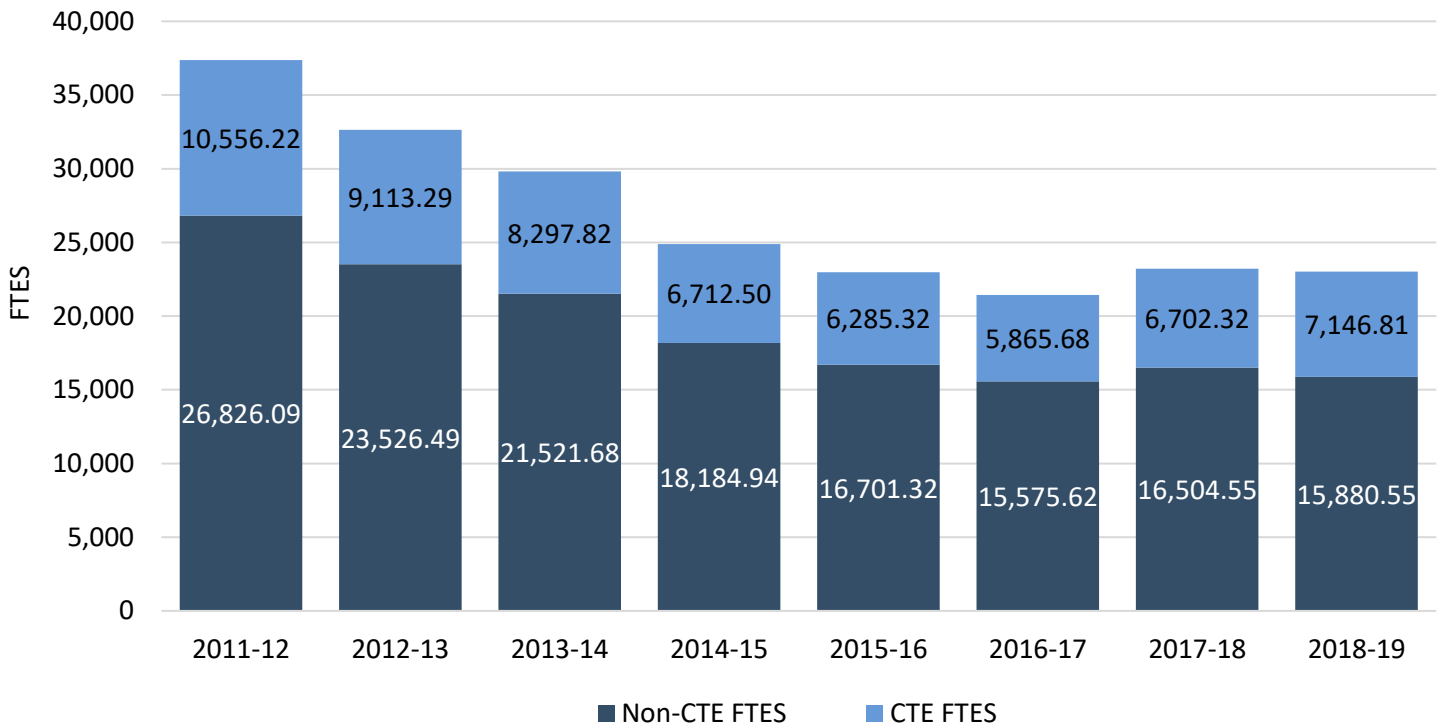
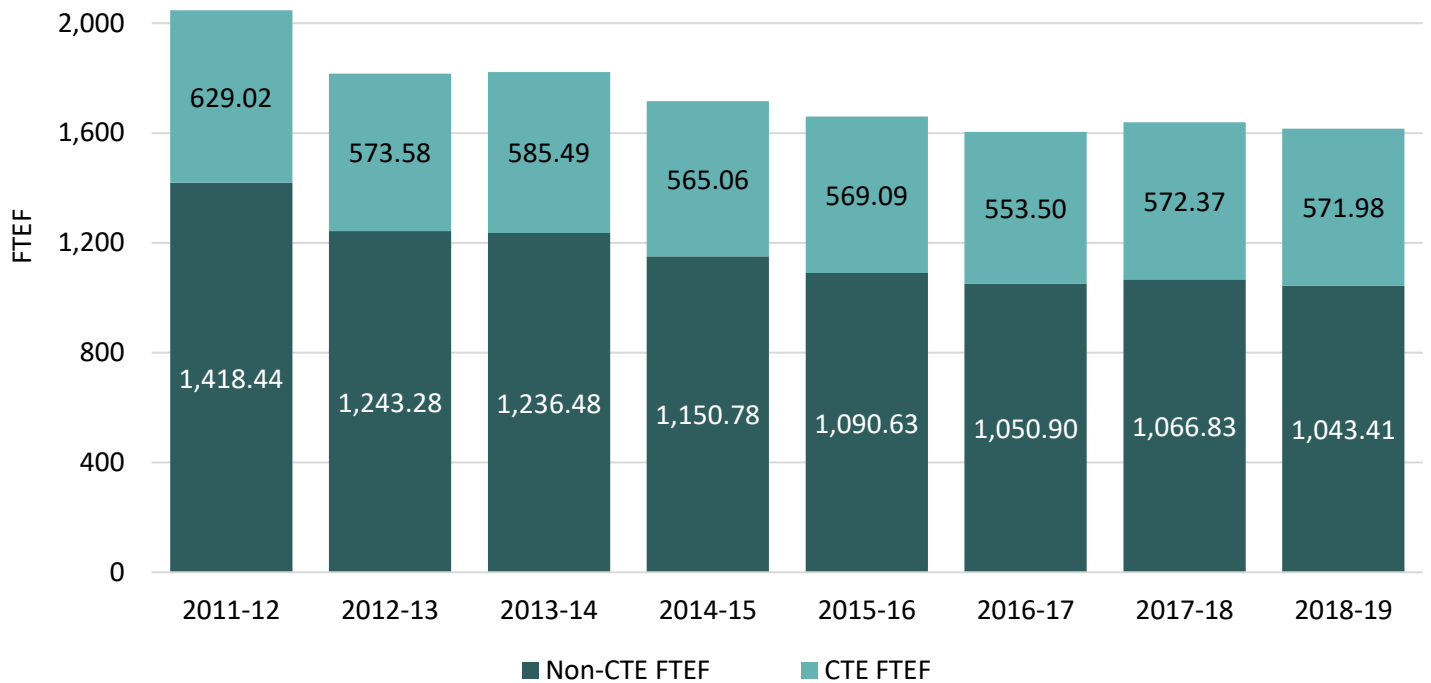


Table 2. CTE and non-CTE full time equivalent students (FTES), 2011-12 to 2018-19

Academic year	Non-CTE FTES	CTE FTES	Total FTES
2011-12	26,826.09	10,556.22	37,382.31
2012-13	23,526.49	9,113.29	32,639.78
2013-14	21,521.68	8,297.82	29,819.49
2014-15	18,184.94	6,712.50	24,897.43
2015-16	16,701.32	6,285.32	22,986.64
2016-17	15,575.62	5,865.68	21,441.30
2017-18	16,504.55	6,702.32	23,206.87
2018-19	15,880.55	7,146.81	23,027.36

Figure 3. CTE and non-CTE full time equivalent faculty (FTEF), 2011-12 to 2018-19**Table 3. CTE and non-CTE full time equivalent faculty (FTEF), 2011-12 to 2018-19**

Academic year	Non-CTE FTEF	CTE FTEF	Total FTEF
2011-12	1,418.44	629.02	2,047.46
2012-13	1,243.28	573.58	1,816.86
2013-14	1,236.48	585.49	1,821.98
2014-15	1,150.78	565.06	1,715.84
2015-16	1,090.63	569.09	1,659.72
2016-17	1,050.90	553.50	1,604.40
2017-18	1,066.83	572.37	1,639.20
2018-19	1,043.41	571.98	1,615.38

Source: CCSF Argos Productivity: FTES/FTEF datablock