

Dear Chairman Sharpe and House Education Committee Members:

As promised, I am writing with more detail regarding the 41% postsecondary enrollment rate for CTE students that I testified about this morning. I have confirmed the following information with our Research Team.

This was the process for providing the data:

Any Vermont student from School Year 2009 through School Year 2013 that participated in CTE and was counted as any portion of an FTE reported to us by LEAs was included in the analysis. This means that any Vermont student who participated in CTE for any period of time and was reported to us was included.

To compile the data included in Heather’s presentation we used our standard matching process when student identification numbers (PermIDs) are present. This means we use the students’ PermIDs to match student records across data sets.

We matched the Vermont students from SY2009 – SY2013 from the CTE data base via their PermIDs to the federal data that we receive from the National Student Clearinghouse.

The National Student Clearinghouse collects enrollment data from ~98% of the postsecondary institutions that participate in Title IV Student Loans. While this captures the majority of postsecondary enrollments, it may not include many trade, vocational, military, and international institutions, or apprenticeship programs. This means that the data NSC collects pertain mostly to traditional 2 and 4 year post-secondary institutions. Further, this report does not include publicly tuitioned students that attend out of state high schools. Students and schools can also opt for a Family Educational Rights and Privacy Act (FERPA) blocker on their enrollment records and therefore may not be included in NSC reports.

Based on this method, here are the postsecondary enrollment percentages of VT CTE students from 2009-2013. The postsecondary enrollment window is set at within 16 months after high-school graduation, consistent with federal definition. That is why the data go up to 2013 only.

School Year	CTE HS GRADUATES HEADCOUNT	CTE PS ENROLLMENTS	CTE PS ENROLLMENT RATE
2009	1465	608	41.5%
2010	1505	642	42.7%
2011	1516	612	40.4%
2012	1500	605	40.3%
2013	1372	562	41.0%
2009 - 2013	7358	3029	41.2%

Below, I am also including some additional data (collected with the same method), that looks at postsecondary enrollment by tech center and program, as well as three-semester postsecondary persistence rate, as you may find this information useful.

Representative Beck requested a breakdown of postsecondary enrollment for those students who are more fully engaged in the CTE programs (e.g., “concentrators,” not just students taking CTE courses). I will be providing that information to the committee as well, as soon as possible. In addition, I will follow up ASAP regarding national models in which CTE is located and/or governed by the state college system.

TECH CENTER	2009	2010	2011	2012	2013	2009 - 2013
BARRE TECH CTR/SHS CAMPUS	34.7%	26.0%	15.9%	24.7%	21.7%	25.5%
BURLINGTON TECHNICAL CENTER	51.6%	50.4%	46.6%	47.0%	49.5%	49.0%
CENTER FOR TECHNOLOGY ESSEX	42.3%	38.0%	33.6%	31.4%	32.1%	35.7%
COLD HOLLOW CAREER CENTER	25.9%	18.2%	35.3%	30.2%	28.3%	27.4%
GREEN MTN TECHNOLOGY/CAREER CTR	22.1%	21.1%	25.0%	18.3%	20.7%	21.5%
HARTFORD AREA CAREER/TECH CTR	51.7%	36.1%	45.6%	42.9%	42.4%	44.0%
NORTH COUNTRY CAREER CTR	41.1%	43.5%	38.9%	38.7%	36.0%	39.8%
NORTHWEST TECHNICAL CENTER	43.3%	63.9%	47.4%	46.2%	45.5%	48.9%
PATRICIA HANNAFORD CAREER CTR	41.8%	50.4%	33.3%	48.0%	45.7%	44.3%
RANDOLPH TECHNICAL CAREER CTR	24.0%	40.0%	35.8%	35.2%	17.6%	30.5%
RIVER BEND CAREER AND TECH CTR	18.9%	17.5%	11.7%	31.5%	37.0%	23.2%
RIVER VALLEY TECHNICAL CENTER	27.8%	39.5%	42.3%	31.0%	52.9%	38.2%
STAFFORD TECHNICAL CENTER	35.7%	50.0%	43.6%	36.3%	31.3%	39.6%
SW VT CAREER DEVELOPMENT CTR	62.8%	57.9%	54.2%	51.9%	60.9%	57.4%
WINDHAM REGIONAL CAREER CTR	65.2%	51.8%	56.9%	61.9%	59.3%	58.8%

CTE Program	# CTE PS Enrollments
Health Careers	316
Human Services	193
Design Visual Communication	150
Culinary Arts	131
PTF Sci., Tech., Eng. & Math	128
PTF Arch. & Construction	123
Automotive Technology	100
PTF Ag, Food & Nat. Res.	93
Pre-Tech Exploratory	89
PTF Business & Marketing	89
PTF Hospitality	87
Video Production	83
Law Enforcement	81
PTF Information Technology	80
Computer Network Mgmt.	73
Performing Arts	69

PTF Arts, A/V Tech. & Comm.	68
Animation & Web Design	65
PTF Manufacturing	65
Engineering Technician	61
Drafting & Design	59
Business	55
Forestry/Natural Resources	55
Cosmetology	52
Carpentry	44
PTF Transportation	42
Electrical Engineering Tech.	38
Marketing	37
PTF Health Science	37
Bus-Adm. Information Support	36
Bus-Management	36
Bus-Financial Support Occ.	30
PTF Law, Pub. Safety & Sec.	30
PTF Human Services	29
Performing Arts - Dance	26
International Business	24
Travel and Tourism	23
Computer Installation & Repair	16
Emergency & Fire Mgmt.	14
Horticulture	14
Diversified Agriculture	13
Agricultural Mechanics	12
Diesel/Truck Mechanic	12
Multimedia Design	12
Precision Machining Technology	12
Construction Trades	11
Elec./Electronics Occupations	11
Early Childhood Education	10
Graphic Design	10
Dental Assisting	8
Welding/Metal Fabrication	8
Auto Body Repair	7
Heating, Ventilation & AC	7
Aviation Technology	6
Graphic Arts	6
Ophthalmologic Medical Assistant	6
Computer Programming	5
Environmental Technology	5
Legal Services	5

Industrial Maintenance	4
Industrial Mechanics	4
Communications Technology	3
Hotel Management	3
Natural Resources 2	3
Heavy Equipment	2
Gaming as IT	1
Health Information Management	1
Woodworking	1
Total	3029

School Year	CTE PS INITIAL ENROLLMENTS	CTE PS PERSISTENCE (3 semesters)	CTE PS PERSISTENCE RATE
2009	608	438	72.0%
2010	642	425	66.2%
2011	612	419	68.5%
2012	605	435	71.9%
2013	562	377	67.1%
2009 - 2013	3029	2094	69.1%

Best regards,
Heather

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