FOLLOW-UP REPORT: XO611

Education by Employment Comparison XO611

Location of Report: www.cteis.com – from the navigation bar, select Reports → Follow Up Reports

Data Cycle: Annual (typically available in October each year)

WHAT DOES THE XO611 REPORT CONTAIN?

The XO611, also known as the "Education by Employment Comparison" report, provides a snapshot of what happened to former high school students who (1) achieved a concentrator status in a career and technical education program and (2) responded to the Follow-Up Survey six months after exiting high school.

This report breaks down both education and employment according to whether it is "related" or "unrelated" to the secondary CTE program. Students who answered that they use the skills they were taught either "a lot" or "some" were categorized as in "related" continuing education or employment. Students who answered that they use the skills they were taught "hardly ever" or "not at all" were categorized as in "unrelated" continuing education or employment. Only student respondents, not proxy respondents, provided information on "relatedness" of continuing education or employment. Students who achieved concentrator status in more than one CTE program in high school answered the questions in relation to the program they were pursing most. A student could be in continuing education related to the secondary CTE program and also be employed in a job related or unrelated to the CTE program. This report shows this breakdown. In addition, employment is broken down as full-time (FT), part-time (PT), or hours unknown, with full-time employment defined as working 35 hours per week or more.

WHO IS A CONCENTRATOR?

To be identified as a concentrator, the student will have successfully completed, with a grade of C (2.0) or better, courses totaling 8 segments of instruction. Segments refer to a group of content standards delivered in a CTE program. The concentrator designation is determined prior to Follow-Up and cannot be changed at the time of the survey.

HOW DOES THE XO611 WORK?

The XO611 report comes in five levels:

- State
- Region
- CEPD
- Fiscal (by CEPD)
- Building (by CEPD)

The local district level has two versions, fiscal agency (d) and building (e). To know which level you have, look in the upper left corner of each page. You will find "STATE," "REGION XY," or "CEPD XY."

The five different "levels" that are available can be organized within three groups. The three groups are:

1. Fiscal (all 5 levels)
2. Pathway (3 levels only: State, Region, and CEPD)
3. CIP Code (all 5 levels)

Because of the complexity of the information provided, each report only displays the information specific to that level. For comparison purposes, it is necessary to view separate reports for other levels, such as the state level.

WHAT ARE THE ROWS AND COLUMNS OF DATA WITHIN THIS REPORT?

This report is designed as a grid with education status in rows and employment status in columns. Column 1 of the report contains row headings and row 1 contains column headings. Below is a description of the content of each section of the report. For a visual example, please refer to XO611 Report Example at the end of the manual.

TOTALS

Total values are found in row 7 and in column 16 of this report. Row 7 shows the total number and percent of respondents for each type of employment. In the report example, column 14 in row 7 shows the total number and percent of respondents who were employed. In the report example, 17,679 (70.7%) of total respondents were employed full-time, part-time, or for an unknown number of hours per week. Please note that this is the same number shown in row 5 in the "Total" column on the current XO610 report. The percentage shown on the XO611 report reflects the percentage of total respondents rather than the percent of those available for work.

Column 16 shows the total number and percent of respondents for each type of continuing education. In the report example, column 16 in row 5 shows the total number and percent of respondents who were in continuing education. In this example, 22,516 (72%) of total respondents were continuing their educations in a field that was related, unrelated, or of unknown relatedness to their secondary CTE program. This number and percent are the same as shown in row 12 of the "Total" column of the current XO610 report.

Row 7, column 16 shows the total number of survey respondents. In the report example, 31,062 respondents provided information on former students. This represents 100% of respondents. This is the same as the number shown in the "Total" column in row 2A of the current XO610 report.

Subtotals* Rows 2, 3, and 4 (related, unrelated, and relatedness unknown) are subcategories of Continuing Education. Discussion of the total number and percent of students in unrelated employment shown in column 9 is found in the Employment section under the heading <u>Columns 6-9: Unrelated Employment</u> on page 5. Discussion

of column 13 is found under the heading <u>Columns 10-13: Employment - Relatedness Unknown</u> on page 6.

The total number and percent of students in continuing education is shown in row 5. Discussion of this total is found in the Continuing Education section under the heading <u>Row 5: Total Continuing Education</u> on page 8.

EMPLOYMENT

Columns 2-5: Related Employment

Columns 2 through 5 give the number of respondents who were in related employment by education status. For students working in a job related to their CTE program, column 2 shows the number working full-time, column 3 shows the number working part-time, and column 4 shows the number working an unknown number of hours. The percent in each cell is based on the total number of respondents. In the report example, column 5, row 5 shows the number and percent of respondents who were both working in a job related to their CTE program and continuing their educations in a related or unrelated field (5,337, or 17.2% of respondents in this example). Row 2, column 2 (1,269, 4.1%) shows the number working full-time as well as continuing their educations in a related field. Row 3, column 2 shows the number working full-time in a related field but continuing education in an unrelated field (107, 0.3%). 1,554 (5%) of survey respondents were both working full-time in a job related to their CTE program and continuing their educations (row 5, column 2). 4,668, or 15%, (row 2, column 5) of total survey respondents were both working in a job related to their CTE program and continuing their education in a related field.

Column 5 of row 7 (8,659) shows the total number of respondents who were employed in a job related to their CTE program. This value includes all respondents who reported related employment, regardless of whether or not they were continuing their educations, including those whose education status and hours worked were unknown. The percent shown in column 5 of row 7 (27.9%) is the percent of total respondents employed in a job related to their CTE program. The percent is calculated by dividing the total number in related employment (column 5, row 7) by the total number of respondents (given in column 16 of row 7).

Column 2 of row 7 (4,063, 13.1%) shows the total number of respondents who were employed full-time in a field related to their CTE program, and column 3 of row 7 (4,306, 13.9%) shows the total number employed part-time in a related field. These numbers match the values in rows 6a and 7a, respectively, of the XO610 report. The percentages differ from those shown on the XO610 report because those percentages are based on the number of respondents who were available for work, whereas this percentage is based on the total number of respondents.

Columns 6-9: Unrelated Employment

In the report example, columns 6 through 9 give the numbers of respondents who were in unrelated employment by education status. For students working in a job unrelated to their CTE program, column 6 shows the number working full-time, column 7 shows the number working part-time, and column 8 shows the number working an unknown number of hours. The percent in each cell is based on the total number of respondents. In the report example, column 6, row 2 shows the number (251) and percent (0.8%) of respondents who were working full-time in a job unrelated to their CTE program, but were continuing their educations in a field of study related to their CTE program. Column 7, row 2 shows the number (1,231) and percent (4%) of total respondents who were working part-time in a job unrelated to their CTE program, but continuing their educations in a field related to their CTE program. Column 9, row 2 shows the number (1,549) and percent (0.7%) of total respondents who were working in a job unrelated to their secondary CTE program, but who were continuing their educations in a related area.

Column 9 of row 7 shows the total number (4,295) of respondents who were employed in a job unrelated to their CTE program. This value includes all respondents, regardless of whether or not they were continuing their educations and includes those whose education status was unknown. The percent (13.8%) shown in column 9 of row 7 is the percent of total respondents employed in a job unrelated to their CTE program. The percent is calculated by dividing the total number in unrelated employment (column 9, row 7) by the total number of respondents (given in column 16 of row 7).

Column 6 of row 7 shows the total number (1,601) of respondents who were employed full-time in a field unrelated to their CTE program and column 7 of row 7 shows the total number (2,541) employed part-time in an unrelated field. These numbers match the values in rows 6b and 7b, respectively, of the XO610 report. The percentages differ from those shown on the XO610 report because those percentages

are based on the number of respondents who were available for work, whereas this percentage is based on the total number of respondents.

Columns 10-13: Employment - Relatedness Unknown

In the report example, columns 10 through 13 show the number and percent of respondents who reported employment, but who did not provide information on relatedness. Since relatedness was measured by asking for the viewpoint of the former student, only former students, not proxy respondents, provided information on relatedness.

Column 14: Total Employment

The total number of respondents who were employed is given in column 14 of row 7 (17,679). This value includes those with unknown hours and/or unknown relatedness. It includes all employed, regardless of education status, including those not continuing their educations or whose education status was unknown. This number is the same as that shown in the "total" column in row 5 of the XO610 report. The percent of respondents who were employed, either part-time or full-time, in either a related or an unrelated job, is also shown in column 14 of row 7 (70.7%). The percent is calculated by dividing the total number employed (column 14, row 7) by the total number of respondents (given in column 16 of row 7). This percentage differs from the percentage shown on the XO610 report because that percent is based on the number of respondents who were available for work, whereas this percentage is based on the total number of respondents.

Column 15: Not Employed

Column 15 shows the number and percent of respondents who were not employed, by education status. Row 5, column 15 shows the number (11,955) and percent (38.5%) who were not employed but were in continuing education. Row 6, column 15 shows the number (1,428) and percent (4.6%) who were not employed and who were not in continuing education. This includes both former students who were seeking work and who were not seeking work. The number (13,383) and percent (43.1%) of total respondents who were not employed is shown in row 7, column 15.

Row 7: Employment Status Totals

Row 7 shows the total number and percent for each employment status, regardless of education status.

CONTINUING EDUCATION

Row 2: Related Continuing Education

The total number (12,780) of respondents who were in continuing education related to their secondary CTE program is given in row 2 of column16. This value includes students who were not employed or whose employment status was unknown. The percent (41%) shown in row 2 of column 16 is the percent of total respondents in continuing education related to their CTE program. The percent is calculated by dividing the total number in continuing education in a related field (row 2, column 16) by the total number of respondents (row 7, column 16). This number is also shown in row 12a of the XO610 report. The percentage on the XO610 report differs because it shows the percentage of student respondents continuing their educations, while this report shows the percent of total respondents.

Columns 2 through 13 of row 2 give the numbers of respondents who were in related continuing education by employment status. The percent in each cell is based on the total number of respondents. In the report example, row 2, column 5 shows the number (4,668) and percent (15%) of total respondents who were both continuing their educations in a field related to their CTE program and working (full-time, part-time, or hours unknown) in a related job.

Row 3: Unrelated Continuing Education

The total number of respondents who were continuing their educations in an area unrelated to their secondary CTE program is given in row 3 of column 16 (3,218). This value includes students who were not employed or whose employment status was unknown. The percent shown in row 3 of column 16 (10%) is the percent of total respondents in continuing education unrelated to their CTE program. The percent is calculated by dividing the total number in continuing education in an unrelated field (row 3, column 16) by the total number of respondents (row 7, column 16).

Columns 2 through 13 of row 3 give the numbers of respondents who were in unrelated continuing education by employment status. The percent in each cell is based on the total number of respondents. In the report example, row 3, column 5 shows the number (461) and percent (1.5%) of total respondents who were continuing their educations in a field unrelated to their CTE program, but working (full-time, part-time, or hours unknown) in a job related to their CTE program.

Row 4: Continuing Education - Relatedness Unknown

Row 4 shows the number and percent of respondents who reported continuing education, but who did not provide information on relatedness. Since relatedness was measured by asking for the viewpoint of the former student, only former students, not proxy respondents, provided information on relatedness.

Row 5: Total Continuing Education

The number (22,516) and percent (72%) of total respondents who were continuing their education is given in row 5, column 16. It includes all continuing their educations, regardless of employment status, including those not employed. The percent shown in row 5 of column 16 is the percent of total respondents continuing their educations. The percent is calculated by dividing the total number continuing their educations (row 5, column 16) by the total number of respondents (row7, column 16). This value and percent are the same as that shown in the "Total" column of row 12 of the XO610 report.

Row 6: Not in Continuing Education

Row 6 shows the number and percent of respondents who were not in continuing education, by employment status. In the report example, a total of 8,546 (28%) of respondents were not in continuing education (row 6, column 16).

Column 16: Education Status Totals

Column 16 shows the total number and percent for each education status, regardless of employment status.

Both Employed and Continuing Education

The number of students who were both employed and continuing their educations is given in row 5 of column 14. This value includes those for whom the relatedness of the continuing education and/or employment was unknown and those for whom the number of hours worked were unknown. It does not include those for whom either continuing education status was unknown or for whom employment status was unknown.

The percent shown in row 5, column 14 is the percent of total respondents who were both employed and continuing their educations. The percent is calculated by dividing the total number both employed and in continuing education (row 5, column 14) by the total number of respondents (row 7, column 16). In the report example, 10,561 (34%) respondents were both employed and continuing their educations.

The individual cells between columns 2 through 13 and rows 2 through 4 show a detailed breakdown of the employment and continuing education status of respondents who were both employed and continuing their educations. The percent in each cell is based on the total number of respondents. In the report example, row 2, column 5 shows the number (4,668) and percent (15%) of total respondents who were both employed in a job related to their CTE program and continuing their educations in a field related to their CTE program. Row 2, column 9 shows the number (1,549) and percent (0.7%) who were employed in a job unrelated to their CTE program, but who were continuing their educations in a field related to their secondary CTE program. Row 3, column 5 shows the number (461) and percent (1.5%) who were continuing their education in a field unrelated to their secondary CTE program but were currently employed in a job related to the CTE program. Row 4, column 13 shows the number (2,418) and percent (0.8%) of total respondents who were both employed and in continuing education of unknown relatedness to their CTE program.

Neither Employed Nor In Continuing Education

The number of respondents who reported that they were neither employed nor continuing their educations is given in row 6 of column 15 (1,428). This value does not include those for whom either education status or employment status was unknown. The percent shown in row 6, column 15 (4.6%) is the percent of total respondents who

were neither employed nor continuing their education. The percent is calculated by dividing the total number neither employed nor in continuing education (row 6, column 15) by the total number of respondents (row 7, column 16). This value includes both those seeking work and not seeking work.

 Total Placement Total placement (the "total" column in row 3 of the XO610 report) is calculated by taking the difference between the total number of respondents (row 7, column 16 of the XO611 report) and the number not in continuing education/not employed.

 In the report example, you would use the cell total (not employed/not in continuing education) of row 6, column 15: not continuing education/not employed = 1,428. Take the difference of this sum and the "total" (row 7, column 16) to determine "Total Placement" (i.e., 31,062 –1,428 = 29,634).

XO611 REPORT EXAMPLE

X0611 Follow-Up Survey of Concentrators
Michigan Department of Education
Office of Career and Technical Education - CTEIS Report
Education by Employment Comparison

MICHIGAN CTEIS

State Level Report

		Employment														
		Related				Unrelated				Relatedness Unknown						
	Education	Full Time	Part Time	Hrs. Unk.	Total	Full Time	Part Time	Hrs. Unk.	Total	Full Time	Part Time	Hrs. Unk.	Total	Total Emp.	Not Emp.	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
2. Continuing Education	Related	1,269	3,217	182	4,668	251	1,231	67	1,549	36	65	23	124	6,341	6,439	12,780
		4.1 %	10.4 %	0.6 %	15.0 %	0.8 %	4.0 %	0.2 %	0.7 %	0.1 %	0.2 %	0.1 %	0.1 %	25.4 %	20.7 %	41 %
3.	UnRelated	107	337	17	461	256	772	33	1,061	6	15	1	22	1,544	1,674	3,218
		0.3 %	1.1 %	0.1 %	1.5 %	0.8 %	2.5 %	0.1 %	0.4 %	0.0 %	0.0 %	0.0 %	0.0 %	8.4 %	5.4 %	10 %
4.	Relatedness Unknown	178	26	4	208	34	14	2	50	496	1,912	10	2,418	2,676	3,842	6,518
		0.6 %	0.1 %	0.0 %	0.7 %	0.1 %	0.0 %	0.0 %	0.0 %	1.6 %	6.2 %	0.0 %	0.8 %	8.8 %	12.4 %	21 %
5.	Total Cont. Educ	1,554	3,580	203	5,337	541	2,017	102	2,660	538	1,992	34	2,564	10,561	11,955	22,516
		5.0 %	11.5 %	0.7 %	17.2 %	1.7 %	6.5 %	0.3 %	1.2 %	1.7 %	6.4 %	0.1 %	0.9 %	34.0 %	38.5 %	72 %
6. Not Continuing Educ		2,509	726	87	3,322	1,060	524	51	1,635	1,600	552	9	2,161	7,118	1,428	8,546
		8.1 %	2.3 %	0.3 %	10.7 %	3.4 %	1.7 %	0.2 %	0.7 %	5.2 %	1.8 %	0.0 %	0.7 %	28.2 %	4.6 %	28 %
7. Total		4,063	4,306	290	8,659	1,601	2,541	153	4,295	2,138	2,544	43	4,725	17,679	13,383	31,062
		13.1 %	13.9 %	0.9 %	27.9 %	5.2 %	8.2 %	0.5 %	13.8 %	6.9 %	8.2 %	0.1 %	1.6 %	70.7 %	43.1 %	100 %