



Delaware Department of Education  
**Appendix: Labor Market Information (LMI) Review**  
 Delaware CTE Program of Study Application

**Table 1: LEA Information**

*(see instructions on page 2, LMI Instructions & Guidance Document)*

Career Cluster:	Education & Training
Career Pathway:	Teaching/Training Pathway
CTE Program of Study:	K-12 Teacher Academy
High School and LEA Name:	
County:	

**Table 2: Labor Market Information (LMI) Benchmarks by Geographic Region**

*(see instructions on page 2, LMI Instructions & Guidance Document)*

Region	Employment 2014	Employment Change 2012-22	Employment Growth 2012-22	Avg. Wage 2014
United States	135,128,260	15,628,000	10.8%	\$47,230
Delaware	424,330	40,900	9.4%	\$49,520
District of Columbia	674,650	57,930	7.7%	\$78,580
Maryland	2,557,510	189,370	6.1%	\$53,470
New Jersey	3,869,260	313,190	7.5%	\$53,920
Pennsylvania	5,653,840	467,940	7.7%	\$45,750
Virginia	3,648,490	534,210	13.5%	\$50,750

**Table 3: LMI by Career Cluster & Pathway**

*(see instructions on page 4, LMI Instructions & Guidance Document)*

					2012-2022			
Cluster Code	Cluster/Pathway Title	High Skill	High Wage	High Demand	Employment 2014	Employment Change 2012-2022	Employment Growth 2012-2022	Average Wage 2014
5	Education & Training	•	•	•	26,033	1,817	7.5%	\$55,372
	Rank Select Career Cluster by the Following Categories ->				(7 of 16)	(11 of 16)	(9 of 16)	(7 of 16)
(Pathway #)	Teaching/Training	•	•	•	21,956	1,538	7.4%	\$51,360
	Rank Select Career Pathway by the Following Categories ->				1 of 3	1 of 3	2 of 3	2 of 3
	Teaching/Training – Mid-Atlantic States	•	•	•	941,360	90,578	7.5%	\$55,656
	(Teaching/Training– United States	•	•	•	7,358,520	1,010,400	11.3%	\$53,826
(Pathway #)	Administration and Administrative Support	•	•		1,407	1,815	7.5%	\$55,360
(Pathway #)	Professional Services	•	•	•	2,670	205	8.6%	\$60,393

**Table 3: LMI by Career Cluster & Pathway (Questions/Analysis)**

*(see instructions on page 5, LMI Instructions & Guidance Document)*

1. How does the employment, the employment change, the employment growth rate, and the average wage for the identified career cluster compare to LMI for other clusters in the State of Delaware? Is the career cluster rated as high wage and high demand?

**Employment opportunities in the Teaching & Training Career Cluster are ranked better than average. This cluster is high wage, high skill, and high demand with above average salaries.**

2. How does the employment, the employment change, the employment growth rate, and the average wage for the identified career pathway compare to LMI at the cluster level? How does the identified pathway level LMI in Delaware compare to the pathway level LMI in the Mid-Atlantic and/or the United States? How does the identified pathway level LMI in Delaware compare to the other pathway level LMI in Delaware?

In the Education & Training Career Cluster the Teaching/Training pathway ranks #1 in employment and employment change. Administrative positions outpace Teaching/Training positions in wage; however, these are often 12-month positions while Teaching/Training positions are usually 10-month positions.

**Table 4: LMI by Standard Occupation Code (SOC)**  
*(see instructions on page 6, LMI Instructions & Guidance Document)*

					2012-2022			
SOC Code	Occupation Title	High Skill	High Wage	High Demand	Employment 2014	Employment Change 2012-2022	Employment Growth 2012-2022	Average Wage 2014
25-2021	Elementary School Teacher	•	•	•	4635	429	9.3%	\$58,680
25-2054	Special Education Teacher – Secondary	•	•		245	4	1.6%	\$62,590
25-2031	Secondary Teacher	•	•	•	2886	86	3%	\$58,920
11-9032	Education Administration	•	•		701	19	2.7%	\$113,090
21-1012	Educational Guidance	•	•	•	909	86	9.5%	\$60,360

**Table 4: LMI by Standard Occupation Code (SOC) (Questions/Analysis)**

*(see instructions on page 7, LMI Instructions & Guidance Document)*

3. How closely related to the program of study are the identified occupations (SOCs)?

**The Elementary and Secondary Teacher, as well as the Special Education Teacher, occupations are directly linked to the program of study. While the Administration and Guidance occupations are related, both may require teaching experience and additional educational degrees before employment.**

4. Are there adequate state-level projected job openings or employment growth projections at the occupation level to justify starting a new program of study? Do the occupations related to the program of study rank as high skill, high wage and/or high demand?

**The number of job openings projected for the cluster and pathway will support a Teacher Academy program of study. The cluster and pathway are rated as high skill, high wage, and high demand jobs.**

**Table 5: LMI Supply Indicators by Secondary & Post-Secondary Levels**

*(see instructions on page 8, LMI Instructions & Guidance Document)*

Program Code (CIP)	Program (CIP) Title	School	Program Completion/Enrollment			
			2010-11	2011-12	2012-13	2013-14
<b>Total Post-Secondary Programs of Study</b>						
13.1202	Elementary Education	Delaware State University	8	7	13	6
13.1202	Elementary Education	University of Delaware	141	136	140	138
13.1202	Elementary Education	Wesley College	13	8	5	6
13.1202	Elementary Education	Wilmington University	89	71	82	99
13.1101	Counselor Education	Wilmington University	188	187	162	124
13.0401	Educational Leadership	Delaware State University	3	6	3	1
13.0401	Educational Leadership	University of Delaware	6	12	5	1
13.0401	Educational Leadership	Wilmington University	0	12	11	9

**Table 5: LMI Supply Indicators by Secondary & Post-Secondary Levels (Questions/Analysis)**

*(see instructions on page 9, LMI Instructions & Guidance Document)*

5. How is the secondary program of study articulated to or in any way related to the identified post-secondary program(s)?

**Agreements are in place with Delaware Technical Community College and Wilmington University for the dual enrollment courses. Both have a direct correlation to the secondary program of study. Additionally, articulations for advanced standing are underway with Delaware State University and Wesley College.**

6. How does the annual completion data at the secondary and post-secondary level compare to the projected career pathway-related projected job openings in Table 4?

**There is a strong connection between the secondary and post-secondary degree options. Students can earn early college credit and have ample internship opportunities by completing the program of study.**

**Table 6: Other LMI Data Including Real-Time LMI (Questions/Analysis)**

*(see instructions on page 10, LMI Instructions & Guidance Document)*

7. Are there additional LMI data (demand & supply) at the local, county, state, or Mid-Atlantic region that support starting a new program of study in this pathway? This includes additional occupations for which there is not an SOC, any other analysis of LMI data, and any additional information on demand & supply factors that influence employment which can include real-time labor market information.

**There are approximately 9,064 teachers in Delaware. Of those teachers, 21% currently have 25 or more years of experience or are at least 55 years of age. Therefore, 21% of the teaching workforce is eligible to retire which could result in approximately 1,868 vacant teaching positions.**