

Table 9 — Industry/Career Clusters by State

Source: Toward A New Framework Of Industry Programs For Vocational Education: Emerging Trends in Curriculum and Instruction—November 1998
Full report may be found at url: <http://www.ed.gov/pubs/FrameworkIndustry/bodytext2.html>

	Agriculture, Forestry, & Fishing	Business & Administrative Services	Construction Operations	Education & Training	Finance & Insurance	Health & Human Services	Restaurant, Lodging, Hospitality & Tourism, & Amusement & Rec.	Manufacturing, Installation and Repair	Mining & Extraction	Public Administration, Legal & Protective Services	Transportation	Scientific & Technical Services	Telecommunications, Computers, Arts & Entertainment, & Info.	Utilities & Environmental Waste Management	Wholesale/Retail Trade, Real Estate & Personal Services	Other
Alabama¹	X	X	X			X		X					X	X		
Alaska																
Arizona	X	X				X		X					X		X	
Arkansas	X	X				X		X					X		X	X ⁽¹⁾
California	X	X	X	X		X	X	X			X			X	X	
Colorado	X	X			X	X		X								
Connecticut	X	X	X	X	X	X	X	X				X ⁽²⁾	X		X	
Delaware	<i>No Clusters</i>															
Florida			X			X	X	X					X			
Georgia	<i>No Clusters</i>															
Hawaii	X	X				X		X					X			X ⁽³⁾
Idaho	X	X				X		X					X			X ⁽³⁾
Illinois	X	X				X		X								X ⁽⁴⁾
Indiana	X	X	X	X	X	X	X	X		X	X	X	X		X	X ⁽⁵⁾
Iowa	X	X				X		X							X	X ⁽⁴⁾
Kansas	<i>No Clusters</i>															
Kentucky	X	X	X	X		X		X	X	X	X	X	X		X	
Louisiana																
Maine	X	X		X		X		X		X		X	X		X	X ⁽⁶⁾
Maryland	X	X	X		X	X	X	X			X	X ⁽²⁾	X			X ⁽³⁾
Massachusetts²	X		X	X	X	X	X	X			X	X ⁽²⁾	X	X	X	X ⁽⁷⁾
Michigan	X	X	X	X ⁽⁸⁾		X	X	X		X	X				X	X ^(9,10,11)
Minnesota¹	<i>No Clusters</i>															
Mississippi	X	X				X		X					X		X	
Missouri	X	X				X		X					X			
Montana	<i>No Clusters</i>															
Nebraska	<i>No Clusters</i>															
Nevada	X	X	X			X		X	X				X			
New Hampshire	X	X				X		X					X			
New Jersey	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
New Mexico	<i>No Clusters</i>															
New York	X	X				X		X					X			
North Carolina	X	X	X			X	X	X				X ⁽²⁾	X		X	X ⁽¹²⁾
North Dakota	X	X				X		X					X			
Ohio¹	X	X				X		X					X		X	X ⁽³⁾
Oklahoma	X	X	X	X		X		X			X	X	X		X	
Oregon	X	X				X		X					X			X ⁽³⁾
Pennsylvania	X	X	X			X		X			X		X		X ⁽³⁾	
Rhode Island¹	<i>No Clusters</i>															
South Carolina	X	X				X		X					X		X	
South Dakota	X	X				X		X				X	X		X	
Tennessee¹		X	X			X	X	X			X	X	X		X	
Texas	X	X		X ⁽¹⁴⁾		X		X		X			X		X	
Utah						X										
Vermont						X										
Virginia	<i>No Clusters</i>															
Washington		X										X	X		X	
West Virginia	X	X				X		X				X	X		X	
Wisconsin	X	X		X		X		X		X		X	X	X	X	
Wyoming	<i>No Clusters</i>															
Total	35	36	16	12	7	38	9	38	2	9	11	15	35	5	26	

¹ Clusters are either under development or not yet adopted.

² Cluster were developed for the School-to-Work Office. Development for vocational education is scheduled for summer 1998.

⁽¹⁾ Trade & Industrial Education
⁽²⁾ Biosciences/Biotechnology
⁽³⁾ Human resources
⁽⁴⁾ Human & Family Services
⁽⁵⁾ Mechanical Repair & Precision Crafts

⁽⁶⁾ Sports & Physical Performances
⁽⁷⁾ Human Commerce
⁽⁸⁾ Child & Adult Care
⁽⁹⁾ Visual Imaging Technology
⁽¹⁰⁾ Electronics

⁽¹¹⁾ Eletro Mechanical
⁽¹²⁾ Drafting/Design
⁽¹³⁾ Consumer Services
⁽¹⁴⁾ Human Development, Management, & Services