North Carolina's Place in the World
A Series of Map Activities

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Foreword

This series of map activities is based on the map sheet Geographic Perspectives: North Carolina's Place in the World, produced at the Department of Geography and Planning, Appalachian State University. The maps and pie graphs on the sheet illustrate our state's significance as a place where foreign companies have invested their money and as a place which is a leader in exports of manufactured goods to many areas of the world. North Carolina is a prominent participant in the global marketplace.

This publication is one of a series of geography curriculum materials funded by the North Carolina Geographic Alliance as part of the ongoing mission of service to teachers and students in our state.

For additional information about the North Carolina Geographic Alliance, contact one of the co-coordinators:

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North Carolina’s Place in the World
Activity 1

North Carolina Exports, 1993

Products grown and manufactured in North Carolina are sold in countries around the world. Study the map North Carolina Exports, 1993. Notice the many places to which North Carolina exports products. The widths of the lines indicate the value of exports. On the world map below, color PURPLE the ten (10) countries which are the major destinations of exports from North Carolina.

The greatest value of North Carolina exports go to which country?

How many countries in Europe are major destinations for North Carolina products?
North Carolina's Place in the World
Activity 2

Top Ten North Carolina Exports

The pie graph *Top Ten North Carolina Exports, 1993* shows the importance of each of the top ten exports from the state. Study the graph.

What category of exports makes up the largest percentage of the leading ten?

What category makes up the smallest percentage?

List the top ten North Carolina exports and their percentages alphabetically in Table 1 and in descending order (largest to smallest) in Table 2.

<table>
<thead>
<tr>
<th>Table 1</th>
<th>Table 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Top Ten Exports</strong></td>
<td><strong>Top Ten Exports</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td><strong>Rank</strong></td>
</tr>
<tr>
<td><strong>Percentage</strong></td>
<td><strong>Category</strong></td>
</tr>
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<td><strong>Percentage</strong></td>
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<td>9</td>
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<td>10</td>
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</tbody>
</table>


North Carolina's Place in the World
Activity 3

Foreign Investment in the United States, 1991

Many foreign countries invest money in North Carolina. They build factories and operate businesses in our state. Study the map of Foreign Investment in the United States, 1991.

What is the value of the highest data class of foreign investment?

On the outline map of the United States below, color GREEN all those states that are in the highest data class of foreign investment.

\[\square \text{States in highest data class}\]

Is North Carolina in the highest data class of foreign investment?

Name the states which border North Carolina. Beside each state name, check YES if the state is in the highest data class or check NO if it is not in the highest data class.

<table>
<thead>
<tr>
<th>State</th>
<th>YES</th>
<th>NO</th>
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<tbody>
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</table>
North Carolina's Place in the World
Activity 4

**Foreign Investment in the United States, 1991**

Study the map of *Foreign Investment in the United States, 1991*. Count the number of states that are in each data class of foreign investment.

<table>
<thead>
<tr>
<th>Data Classes</th>
<th>Millions of Dollars</th>
<th>Number of States</th>
</tr>
</thead>
<tbody>
<tr>
<td>$588 to $2,599</td>
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<td></td>
</tr>
<tr>
<td>$2,600 to $6,099</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$6,100 to $10,399</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$10,400 to $18,499</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$18,500 to $81,842</td>
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<td></td>
</tr>
</tbody>
</table>

Use the data you have gathered to construct a bar graph of foreign investment. Put the data classes along the X-axis. Put the number of states in each class along the Y-axis. The first data class has been done as an example.

Which data class has the most states?  

[Diagram of bar graph with data classes and number of states]
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Activity 5

Exports by State, 1992

North Carolina is one of the leading exporting states in the United States. Study the *Exports by State, 1992* map.

What is the value of the highest data class of exports by states?

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On the outline map of the United States below, color **GREEN** all those states that are in the highest data class.

---

Is North Carolina in the highest data class?

---

Look at each of the states that border North Carolina. Beside each state name, check **YES** if the state is in the highest data class. Check **NO** if it is not in the highest data class.

<table>
<thead>
<tr>
<th>State</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
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</table>
North Carolina’s Place in the World
Activity 6

Exports by State, 1992

Study the map of *Exports by State, 1992*. Count the number of states that are in each data class of export value.

<table>
<thead>
<tr>
<th>Data Classes</th>
<th>Number of States</th>
</tr>
</thead>
<tbody>
<tr>
<td>$254 to $1,099</td>
<td></td>
</tr>
<tr>
<td>$1,100 to $2,599</td>
<td></td>
</tr>
<tr>
<td>$2,600 to $5,499</td>
<td></td>
</tr>
<tr>
<td>$5,500 to $10,499</td>
<td></td>
</tr>
<tr>
<td>$10,500 to $57,198</td>
<td></td>
</tr>
</tbody>
</table>

Use the data you have gathered to construct a bar graph of exports by state. This time, put the number of states in each class along the X-axis. Put the data classes along the Y-axis.

Which data class has the most states?

Which style of graph do you like best, this one or the one for foreign investment in the United States? Why?
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Activity 7

Employment by Foreign Owned Companies

Foreign owned companies employ many North Carolinians. Study the map Percent of Employment by Foreign Owned Manufacturing, 1991.

In what data class does North Carolina fall? ______________________________________

How many other states are in this data class? ______________________________________

Name them: ____________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

On the outline map of the United States, color RED all those states in the 12.8% to 20.5% data class.

States in 12.8% to 20.5% data class

Why are most of the states in this highest data class in the eastern part of the United States?

______________________________________________________________________________
North Carolina’s Place in the World
Activity 8

Foreign Owned Firms and Manufacturing Employment

The number of foreign owned firms and manufacturing employment varies from county to county in North Carolina. Study the map *Foreign Owned Firms and Manufacturing Employment, 1995.*
Are there any foreign owned firms located in your county? ____________________________

If "yes," how many firms are there? ____________________________

In what landform region of our state (Mountains, Piedmont, Coastal Plain) are most foreign owned firms located?

Why? ____________________________

On the outline map of North Carolina, color **RED** all those counties that have 500 people (one dot) or more employed by a foreign owned manufacturing firm.

What county has the most people employed by foreign owned manufacturing firms?

______________________________
Foreign Born Population in the United States

Study the map Percent of Foreign Born Population by State, 1990. In what data class is North Carolina?

Is this the highest data class?

List the states that are in the highest data class.

Count the number of states in each data class.

<table>
<thead>
<tr>
<th>Data Classes</th>
<th>Number of States</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.6% to 1.6%</td>
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</tr>
<tr>
<td>1.7% to 2.5%</td>
<td></td>
</tr>
<tr>
<td>2.6% to 3.7%</td>
<td></td>
</tr>
<tr>
<td>3.8% to 8.4%</td>
<td></td>
</tr>
<tr>
<td>8.5% to 21.7%</td>
<td></td>
</tr>
</tbody>
</table>

Use the data above to construct a bar graph. You decide what type of bar graph you want. Be certain to put all the necessary information on the X-axis and Y-axis.

Is North Carolina above or below the United States average?
North Carolina's Place in the World
Activity 10

Foreign Born Population in North Carolina

Study the map Percent of Foreign Born Population in North Carolina, 1990. What is the average percentage of foreign born population in North Carolina?

Is your county above or below the average?

Make a list of the counties in the highest data class:

On the outline map of North Carolina, color BLUE all those counties on your list.

☐ Counties with 1.6% to 5.0% foreign born population.

In what North Carolina landform region are most of these counties found?

Compare this map with the map Foreign Owned Firms and Manufacturing Employment, 1995. Some of the counties with the highest percentage of foreign born population have none or only one foreign owned company. These foreign born people must be doing other kinds of work. What do you think they are doing?
North Carolina’s Place in the World

Wordfind Puzzle

The list of words at the bottom of the page came from the map sheet North Carolina’s Place in the World. Find and circle each of the words in the puzzle. All the words can be read from top to bottom or left to right.

Word List:

- AGRICULTURE
- AIR CARGO
- APPAREL
- AUSTRALIA
- BELGIUM
- CANADA
- CHEMICAL
- COASTAL PLAIN
- DESTINATIONS
- ELECTRONIC
- EXPORT
- FOREIGN
- FRANCE
- GERMANY
- INVESTMENT
- JAPAN
- MANUFACTURING
- METALS
- MEXICO
- MILLIONS
- MOUNTAINS
- NETHERLANDS
- NORTH CAROLINA
- PAPER
- PIEDMONT
- PLACE
- SAUDI ARABIA
- TAIWAN
- TEXTILES
- TOBACCO
- TRANSPORTATION
- UNITED KINGDOM
- VISITORS
Teacher’s Guide
North Carolina’s Place in the World

Extending the Activities

1) Do research and prepare a report about North Carolina’s major ports. Include the kinds of products handled at the ports; the tonnage of various products handled; and the types of ships that load and unload at the ports.

2) If you live in a county with foreign owned companies, do research to find out as much about the companies as you can. What products are manufactured? How many employees work for the companies? Where are the products sent? These are some facts you can learn.

3) Invite a foreign representative of one of the companies to come to your class to talk about the products made and where they are sent. Prepare for the visit by getting or making a flag of the visitor’s country. Learn to say hello, thank you, and goodbye in their language.

4) Prepare a bulletin board with a world map and colored strings leading from North Carolina to the various countries around the world to which we ship products. Try to find pictures of the products and put them along the strings.

5) Prepare a bulletin board about one of the foreign countries that have a manufacturing plant in North Carolina.