

Health Indicators in the Chesapeake Bay Watershed*ACTIVITY 1: INTRODUCTION TO THE CHESAPEAKE BAY TODAY*

1. How have transportation changes on the waters of the Chesapeake affected the water quality of the bay?
2. What are some of the key challenges faced by those trying to clean up the bay? What may happen if the goals of the clean-up effort are not reached by 2010?
3. What is an industry that was historically central to the economy of the bay region, and remains so today?
4. How has the decline in manufacturing along the bay's tributaries created new problems for the bay?
5. How has the U.S. Navy contributed to the effort to improve the Chesapeake Bay area's conditions? What remains a criticism of the armed forces?
6. What is the relationship between crabs, seagrass, and pollution?
7. What role do oysters play in the health of the bay? What role might they play in its future?

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ACTIVITY 2: HOW DID THE BAY GET THIS WAY?

1. What took place around 1000 B.C. in the Chesapeake Bay area?
2. Who explored the Chesapeake Bay during the 1500s?
3. What big businesses existed along the bay during the mid-1600s?
4. How did colonists change the environment in the mid-1700s?
5. How did people use the forests along the Chesapeake Bay in 1835? How did this change later in the 1800s?
6. What did water quality tests in 1918 reveal about the health of the Chesapeake Bay?
7. How did technological advances in the mid-1940s contribute to the decline of the bay's health?
8. What chemical was found in the water in 1975 and what dangers did it pose?
9. What did a Maryland senator's "white sneaker test" reveal in 1988?
10. What good news about toxic releases was reported in 1998?

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ACTIVITY 3: EXPLORING CREATURES AND FEATURES OF THE CHESAPEAKE BAY

1. *Fish*: What activities affect the fish populations and what can be done about it?
2. *Bay Grasses*: What is SAV and why is it so important to the health of the bay?
3. *Forests*: How do forests help animals and plants in the Chesapeake Bay watershed?
4. *Air Pollution*: What are the main sources of air pollution along the Chesapeake Bay?
5. *My Watershed*: What is a watershed? How many states make up the Chesapeake Bay watershed?
6. *Streams & Rivers*: How do freshwater sources benefit the bay?