









# DRAFT

Sector Handout  
Middle/ High School  
Expo Lesson: Flood

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15. Unemployment (the percentage of working-age adults unemployed) is in purple (see the key at the bottom). In your neighborhood, what percentage of people are unemployed?

16. How might unemployment affect a community's ability to bounce back after a natural disaster?

17. Is unemployment a shock or a stress? Why?



These materials were developed by CIRES Education & Outreach at CU Boulder.  
<https://cires.colorado.edu/outreach/projects/HEARTForce>







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22. Are there any childcare centers or nursing homes in the floodplain? If so, which ones? Why would that be a concern?
23. The gray shading represents the number of residents that are 65 years or older. Zoom into your neighborhood. How many residents are 65+ in your neighborhood?
24. Why would knowing how many residents are older than 65 matter for a community's resilience in the case of natural hazard? Would a high population of elderly people be a shock or stress for the health sector?







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29. Why might nursing homes or mobile home parks be more vulnerable to flooding?
30. If your town had a shortage of affordable housing, would that be considered a shock or a stress? Why?
31. What areas/neighborhoods would you be most concerned about if a flood were to occur? Look for areas in the floodplain with high population density (which likely means a lot of housing). Population density is in orange.



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## Exploring the Colorado Resiliency Framework: Flood

### Activity 2.2 Colorado Resilience Framework Story Map Sector Exploration

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#### **Watersheds and Natural Resources Sector**

Use the [Colorado Resiliency Framework Story Map - Flood](#) to answer the following questions.

32. In your own words, explain what the watersheds and natural resources sector is.
33. According to the summary from the Colorado Resiliency Framework and the expert video, what does resilience look like in this sector?
34. What are the types of shocks and stresses that might affect the watersheds and natural resources sector?
35. The floodplain is in light blue. There are likely several streams or rivers in or near your down, in darker blue. Do all of the streams and rivers have a floodplain? If a stream or river doesn't show a floodplain, why do you think it doesn't?



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36. Are there any dams close to your town? Where are they? Dams are shown in yellow and may be hard to see unless you zoom in close to reservoirs. What dangers might dams face in the case of a flood?

37. If a dam were to fail (burst) during a flood, would that be considered a shock or a stress? Why?

38. Are there federal lands close to your town or city? What challenges might federal lands have to bounce back from after a natural hazard?



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