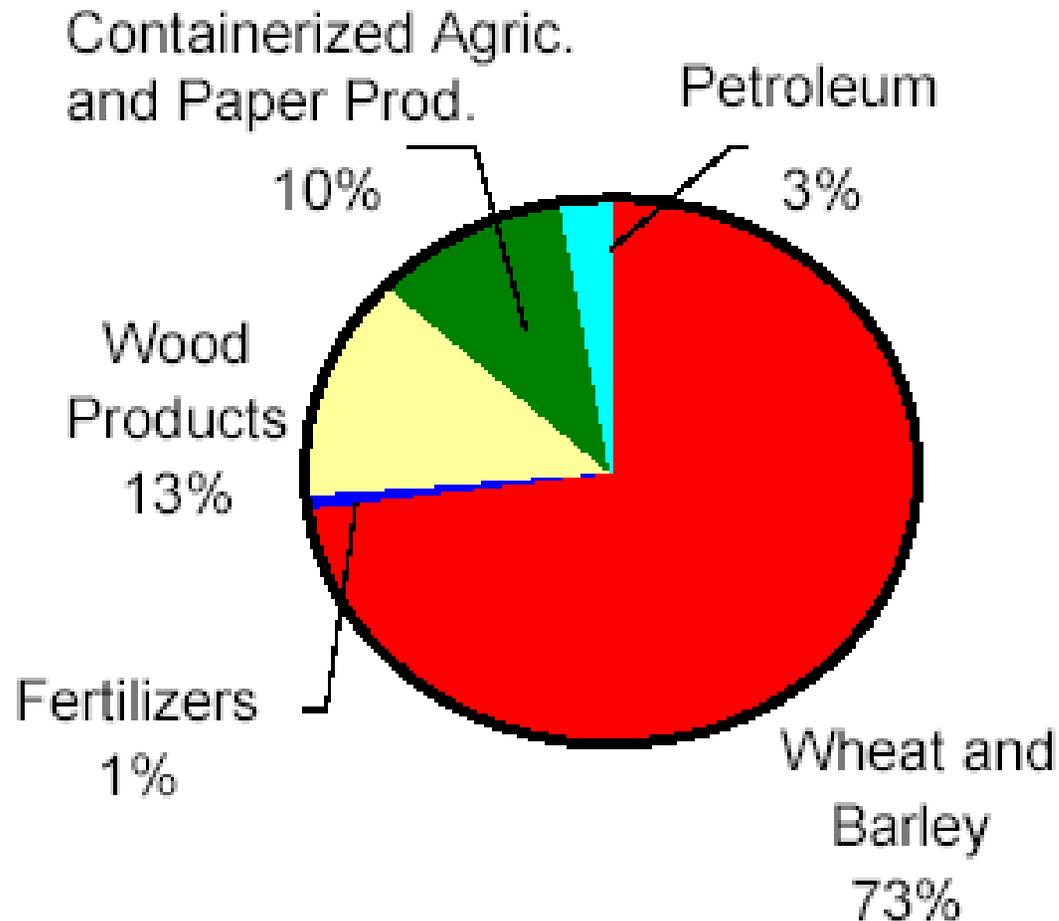


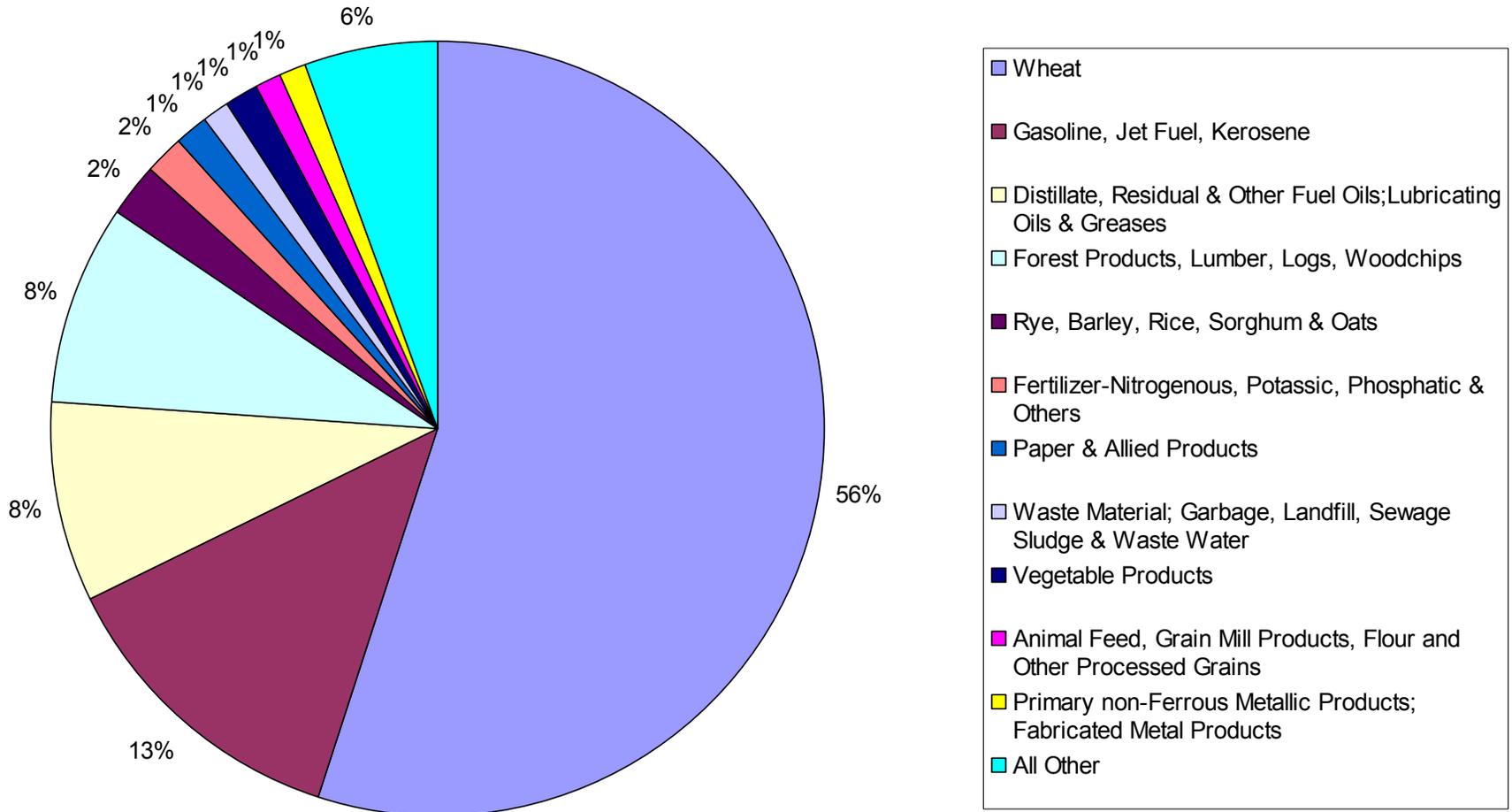
The Columbia/Snake System



Lower Snake Traffic



Columbia River Traffic



Salmon

- Snake River spring/summer chinook salmon (*Oncorhynchus tshawytscha*), listed as Threatened in 1991; Snake River fall chinook salmon (*O. tshawytscha*), listed as Threatened in 1991; Snake River sockeye salmon (*O. nerka*), listed as Endangered in 1992; Snake River Basin steelhead (*O. mykiss*), listed as Threatened in 1998; Upper Columbia River spring run chinook salmon (*O. tshawytscha*), listed as Endangered in 1999; Middle Columbia River steelhead (*O. mykiss*), listed as Threatened in 1999; and Upper Columbia River steelhead, listed as Endangered in 1997. In addition, the resident Columbia Basin bull trout (*Salvelinus confluentus*) is listed as Threatened under the ESA.

Technical Challenges

- Navigation or not.
- What does navigation cost?
- Deep Draft Multiport analysis.