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In this presentation we will discuss apportionment as related to the United States House of Representatives. A number of methods will be discussed, including the traditional methods. Procedures for calculating the apportionments given by some divisor methods will be presented, with a special focus on the working rules of E. V. Huntington. In addition, data from the decennial census are used to give simple indicators of bias. Some ideas for continued research will be mentioned. (Received September 10, 2009)