

Non-random Sampling

Type	How to carry out	Advantages	Disadvantages
Quota Sampling			
Opportunity/ Convenience Sampling			

Example.

A lake contains 3 species of fish. There are estimated to be 1400 trout, 600 bass and 450 pike in the lake. A survey of the health of the fish in the lake is carried out and a sample of 30 fish is chosen.

- (a) Give a reason why stratified random sampling cannot be used. (1)
- (b) State an appropriate sampling method for the survey. (1)
- (c) Give one advantage and one disadvantage of this sampling method. (2)
- (d) Explain how this sampling method could be used to select the sample of 30 fish. You must show your working. (4)

