4. Traffic

This section gives some information on the traffic volumes through NRENs. It starts with external traffic, then looks at load and then tries to give some aggregate information by looking at the traffic per student and at perceived congestion in the network.

4.1 External Traffic

External traffic is the traffic between the NREN’s users and the outside world — it is therefore not the same as international traffic. Note that not all NRENs measure this traffic in the same way. However, we do believe that these figures are broadly speaking comparable. For ease of readability, the graph has been split in two: graph 4.1.1 shows the information for those NRENs with total incoming and outgoing external traffic above 400 TB (Terabytes), while graph 4.1.2 gives the information for countries with external traffic below 400 TB.
4.2 Internal vs. external traffic

It may be interesting to see the amount of external traffic in relation to the total traffic on the network. Not all NRENs provided information about this, partly because of technical issues involved in measuring this data.

Graph 4.2 provides information from a small number of networks, but from networks in very different countries. As can be seen, the proportion of internal vs. external traffic is very different from country to country, varying from 12.5% internal traffic in Belgium to 75% internal traffic in Estonia.