Railroad - summary paper -

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Countries

- New Zealand
- United Kingdom
- United States
Definition of Output

- Output of railroad firms is the operation of railroads for the transport of passengers and/or cargo over a long distance within a rail network.
  --- Freight railroads
  --- Passenger railroads
Pricing Methodology

- Tariff (USA)
- Contract transaction prices (USA)
- Prices obtained from CPI - for the rail passenger transport (NZ)
- Unit values; revenue divided by number of tonne kilometres (NZ)
Sampling

- Probability proportionate to size (USA)
  --- The frame includes comprehensive and up-to-date employment and revenue data.

- Judgement samples (NZ)
  --- Samples are selected on the basis of the knowledge and judgement of staff compiling the index.
Quality Adjustment

- Overlap method (USA)
- Explicit quality adjustment method (USA)
- In many instances, quality variations are extremely difficult to identify and quantify. (NZ)
Challenges

- Using the value of time for quality adjustment (UK)
  --- A trial to develop a possible alternative method of quality adjustment.
  --- Focusing on peoples’ valuation of time; opportunity cost.
  --- There are areas where alternative methodologies need to be considered (e.g., over-crowding).