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Joint ECE/Eurostat Meeting on the Management of Statistical Information Technology  
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Topic (i): The impact of data warehousing on the management of statistical offices

**JUST IN TIME PROCESSING AS ONE OF THE REQUIREMENTS FOR INPUT DATA  
WAREHOUSES**

Submitted by Statistics Netherlands <sup>1</sup>

**INVITED PAPER**

**SUMMARY**

1. Centralisation of data gathering, data cleaning and initial processing are imperative for an input data warehouse. This is because not all the dimensions that are needed are incorporated into the primary data stream. Various data streams will have to be processed in a just in time fashion in order to feed the processes that load the data warehouse.

2. Administration is an important success factor when using a data warehouse. A structure of decentralised administrators controlled by a centralised office that will also maintain control over the various dimensions in the data warehouse is proposed. This means that the administrators will also

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<sup>1</sup> Prepared by M.H.J. Vucsan.

influence statistical integration.

3. The processing structure should be oriented towards a system of continuous processing instead of processing at discrete statistical intervals. Together with a system of complete correction history in the data warehouse, it will be possible to publish figures with a margin of error. The margin of error will decrease as time progresses. This will enable us to let the public choose between timeliness and accuracy.