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**STATISTICAL COMMISSION and
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**STATISTICAL OFFICE OF THE
EUROPEAN COMMUNITIES (EUROSTAT)**

CONFERENCE OF EUROPEAN STATISTICIANS

Joint ECE-EUROSTAT work session
on Population and Housing Censuses¹
(Dublin, Ireland, 9-11 November 1998)

Study topic 3

**NEW POSSIBILITIES FOR TERRITORIAL BREAKDOWNS BY MEANS OF STATISTICS BASED ON
CO-ORDINATES IN AUSTRIA**

Supporting paper submitted by the Austrian Central Statistical Office²

Summary

1. The interest in the introduction of small area statistical breakdowns is great. On this occasion the statistical analysis demands the use of thematical cartography and thus the use of Geographical Information Systems (GIS). In this paper the possibilities of territorial breakdowns are shown by means of maps. The territorial assignments and aggregation of data according to elements for small area statistics is closely connected with co-ordinate based statistics. Within the Austrian Central Statistical Office (Österreichisches Statistisches Zentralamt = abbrev. ÖSTAT) preparations are under way to adapt the data of the Combined Census (= Population Census, Housing Census and Census of Non Agricultural Units of Employment) to a co-ordinate based storage.

1 The papers which are prepared for this work session will be treated in the same manner as papers that are prepared for seminars.

2 Prepared by Desoye Helmut, Weber Martin and Wonka Erich.