



UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE



Hinterland Connections of Seaports: Some Data Issues

Jaromir Cekota
Economic Affairs Officer
Transport Division
UNECE

Geneva, 28 May 2008



Background

- Group of Experts on Hinterland Connections of Seaports
- Proposed by Working Party on Transport Trends and Economics in Sep. 2007
- Approved by ITC in Feb. 2008 and UNECE EXCOM in March 2008
- 1st session: Geneva, April 2008
- http://www.unece.org/trans/main/wp5/wp5_ge1_01.html



Data issues: short term

- Group of Experts is preparing a questionnaire to be sent to major ports
- An early version is available on the website
- <http://www.unece.org/trans/doc/2008/wp5/ECE-TRANS-WP5-GE1-2008-01e.pdf>
- To be finalized and distributed soon



Data issues: longer term

- Group of Experts may recommend best practice to governments
- Key data on hinterland connections of seaports
- Could be compiled by national statistical agencies in the ECE region
- And consolidated by UNECE in cooperation with Eurostat



Example 1: Hinterland links

Supply chains by transport mode

Port of Hamburg - Container traffic in 2005

Thousand TEU

	Ocean Shipping	Rail Transport	Inland Waterways	Coastal Shipping	Road transport	Σ
Import in	4206					
out		849	44	1139	2174	4206
Export in		658	50	1067	2104	3879
out	3879					

Source: Federal Statistical Office, *Combined Transport 2005*, Wiesbaden, Germany, 2007.

Note: The coastal shipping columns includes sea feeders and LCL (approximately 10%).



Example 2: Hinterland by rail

Supply chains by transport mode

Port of Hamburg - Train traffic in 2005

Thousand TEU

From	To	Gross weight 1000 t	Total 1000 TEU	20-ft containers		40-ft containers	
				empty	loaded	empty	loaded
Hamburg	CZ & SK	861	118	2	31	6	79
Hamburg	Bremen	896	95	0	28	1	66
Hamburg	Austria	438	68	4	17	3	44
Hamburg	Munich	332	53	3	22	3	25
Hamburg	Nurnberg	271	49	2	15	2	31
Hamburg	CH & LI	277	39	1	20	0	18
Hamburg	HU	248	39	1	10	1	28
Hamburg	PL	240	34	1	8	2	23
Hamburg	Stuttgart	221	36	1	10	4	21
Hamburg	Frankfurt	143	23	1	10	1	11
Hamburg	Other	1556	294	59	76	60	93
Hamburg	Σ	5483	849	74	248	82	438

Source: Federal Statistical Office, *Combined Transport 2005*, Wiesbaden, Germany, 2007.



Example 3: Hinterland by road

Supply chains by transport mode

Road transport from the Port of Hamburg in 2005

	Share %	Containers 1000 TEU
Total	100.0	2174
German trucks	80.0	1739
o/w Hamburg	38.5	837
o/w near regions	21.6	469
o/w rest of Germany	10.5	229
o/w foreign destinations	9.4	205
Foreign trucks	20.0	435

Source: Federal Statistical Office, *Combined Transport 2005*, Wiesbaden, 2007.

Note: Near regions include the state of Bremen, Hannover government district, Lüneburg (Lower Saxony) and Schleswig-Holstein.



Conclusion

- Comments and suggestions appreciated
- Can be sent by e-mail to:
- Jaromir.Cekota@unece.org

Thank you for your attention!