

Airneth

A note on the network performance of Dubai and Emirates

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Outline

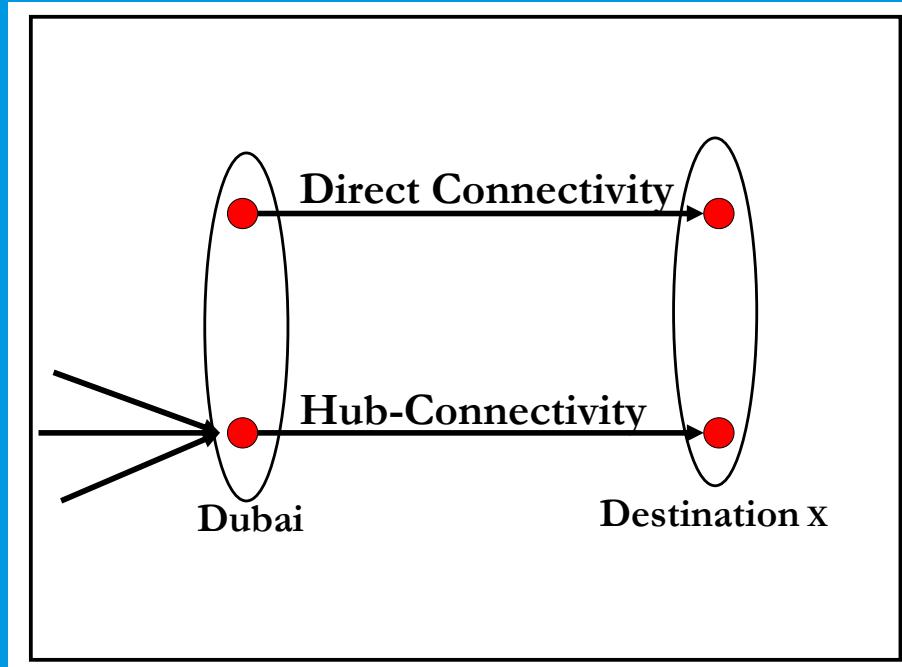
- NetScan: measuring the competitive position of airline networks
- Direct network of Dubai
- Dubai as a hub and the role of Emirates
- Hub competition



What is NetScan?

- Measures and quantifies the performance of air transport networks, using OAG flight schedules
- Direct connections and indirect connections (via hub)
- Takes into account number of travel options, elapsed time and connecting time via the hub
- Results in a single indicator: Connectivity Unit (CNU)

Connectivity



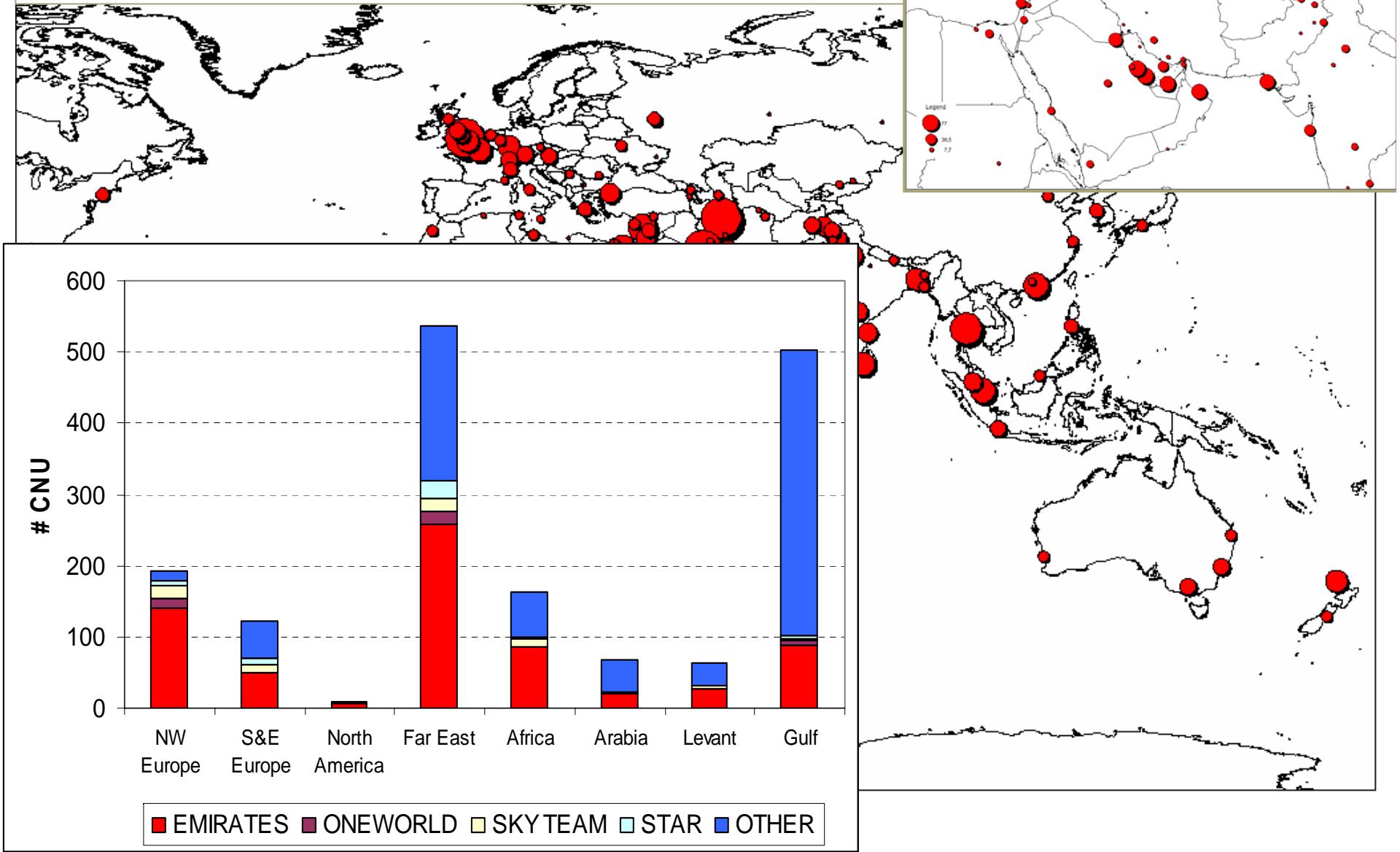
origin	hub	destination	alliance	average quality index	frequency per week	CNU/week
Amsterdam	--	Cincinnati	SkyTeam	1,00	7	7,0
Amsterdam	Atlanta	Cincinnati	SkyTeam	0,42	14	5,9
	Boston		SkyTeam	0,49	7	3,4
	Paris CDG		SkyTeam	0,35	47	16,6
	Detroit		SkyTeam	0,32	89	28,7
New York Newark			SkyTeam	0,40	46	18,2
	Rome FCO		SkyTeam	0,38	7	2,6
	Frankfurt		SkyTeam	0,47	7	3,3
Washington Dulles			SkyTeam	0,46	14	6,4
	Houston		SkyTeam	0,35	7	2,4
New York JFK			SkyTeam	0,37	28	10,5
	Memphis		SkyTeam	0,19	7	1,4
	Minneapolis		SkyTeam	0,30	41	12,1
Chicago O'Hare			SkyTeam	0,39	14	5,4
			Star	0,31	7	2,2
	Philadelphia		Star	0,30	6	1,8
Montreal Dorval			SkyTeam	0,58	7	4,1
Toronto			SkyTeam	0,41	6	2,5
TOTAL				0,37	361,00	134,50



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direct cnx from DXB to rest of the world, September 2005



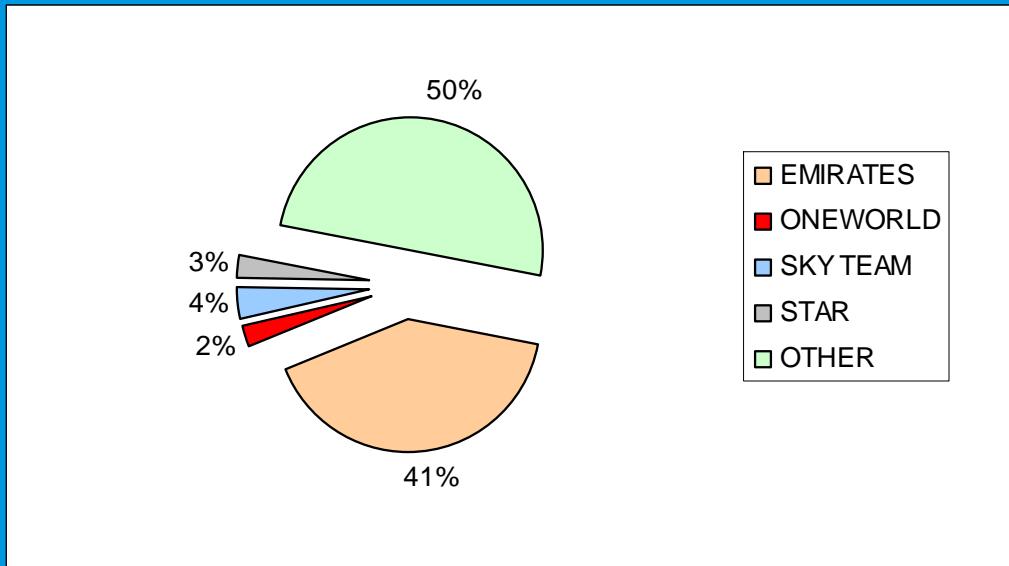


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The role of Emirates at DXB



Share (%) airlines/alliances
in total direct CNU from DXB

Emirates' hub at Dubai: connectivity per week

airpt. pairs *via* DXB

1.683

Frequencies *via* DXB

10.345

Avg. Quality index

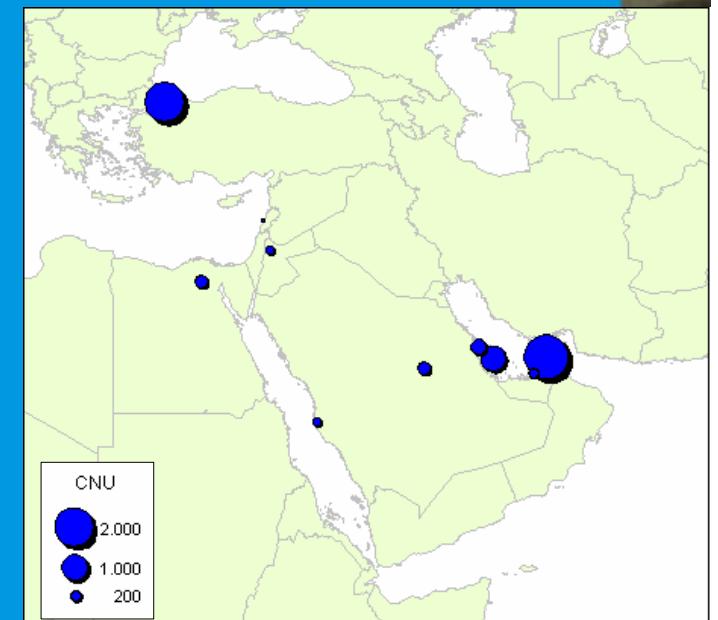
0,33

CNU's *via* DXB

3.405

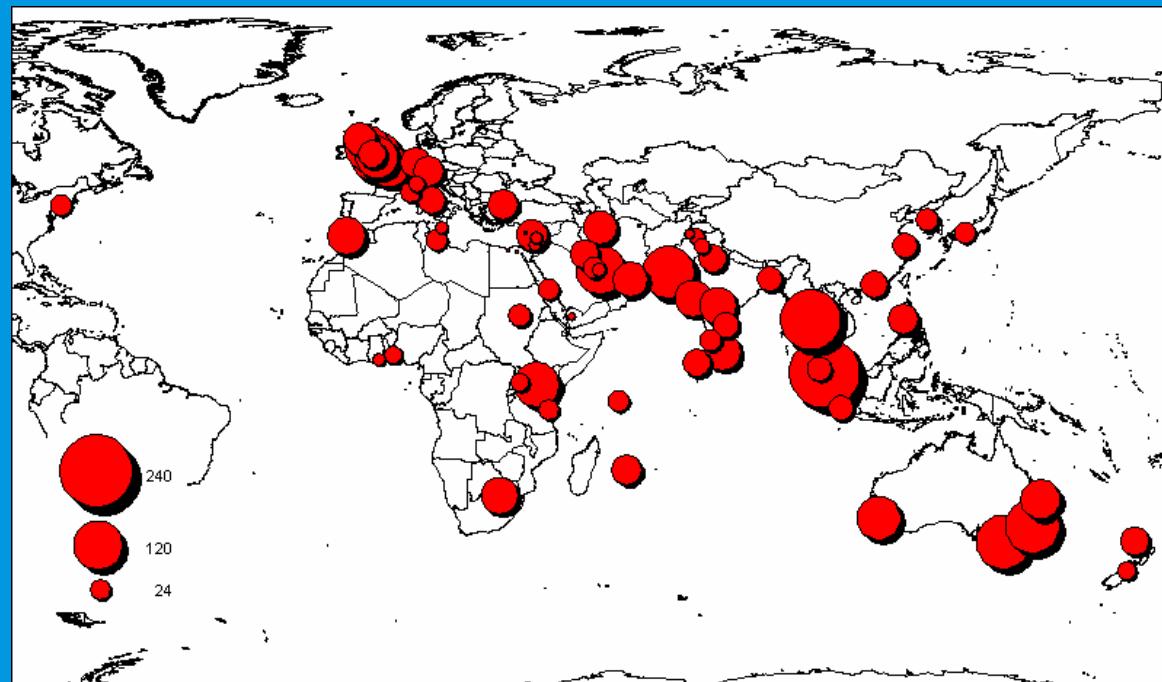
% Emirates in CNU's

99,6%



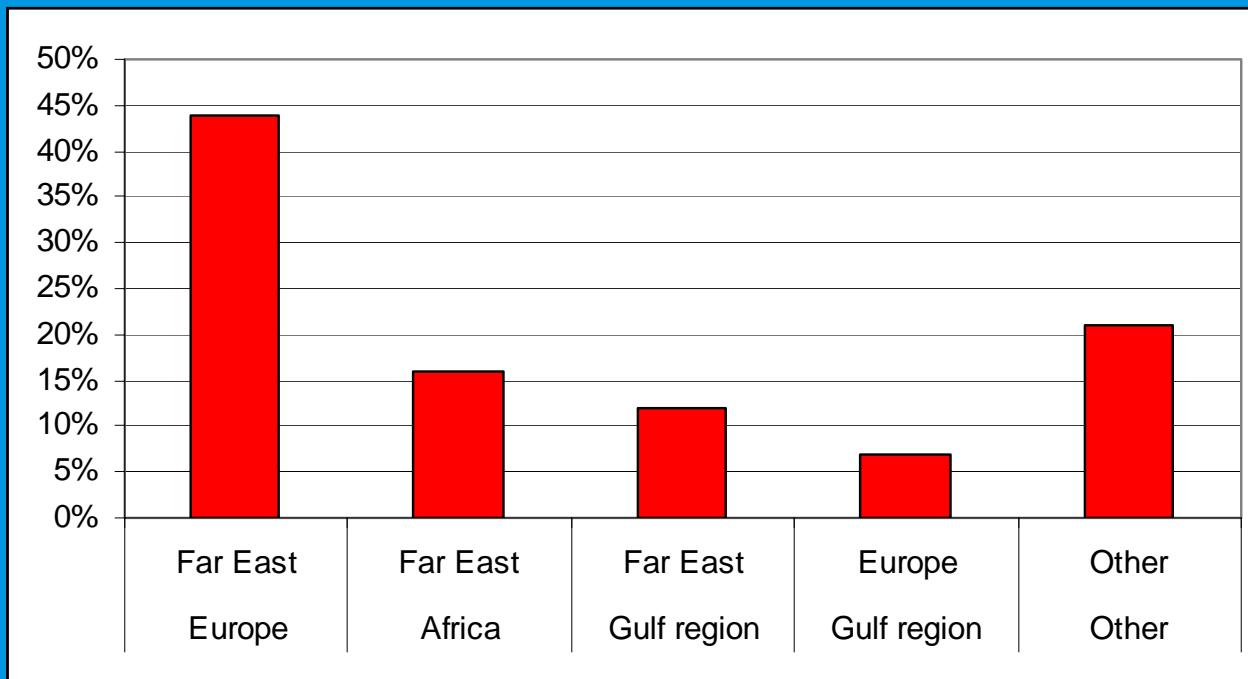
Size of selected
hubs in # CNU

CNU via Dubai by feeder airport (spokes)



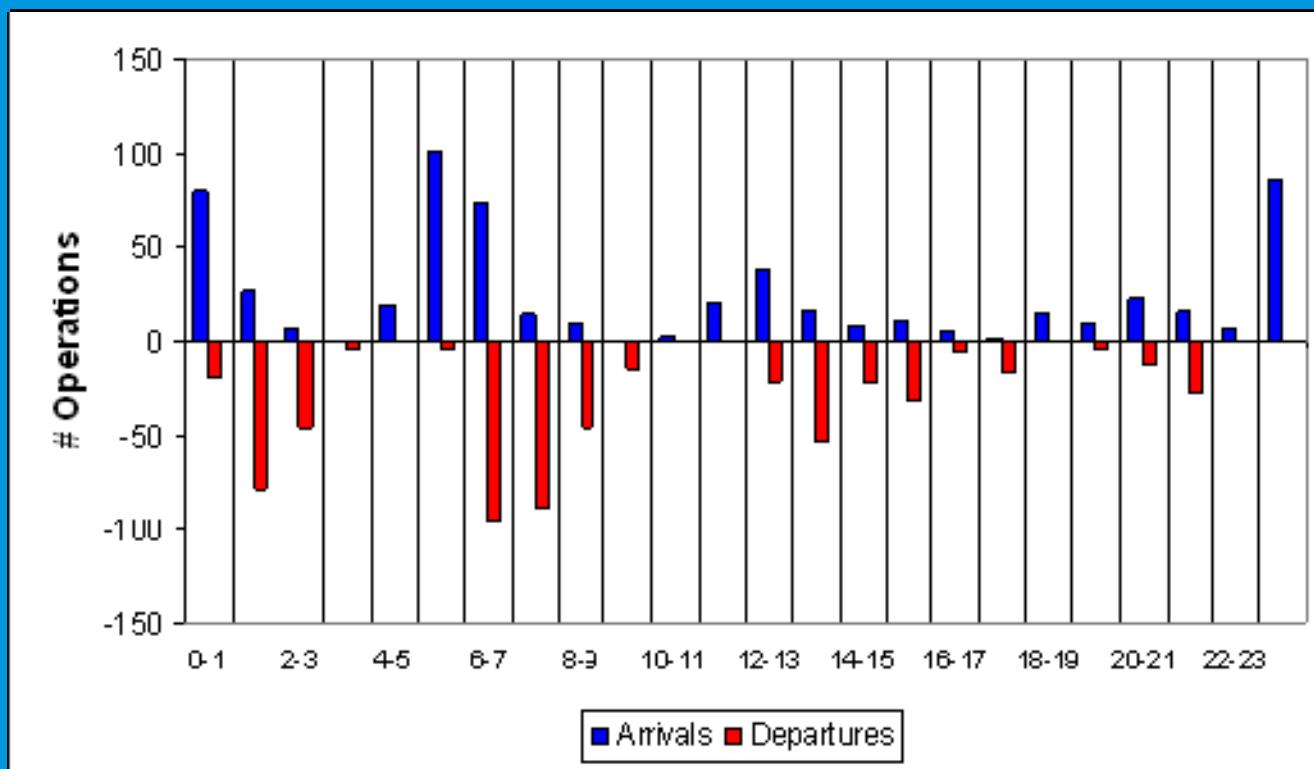


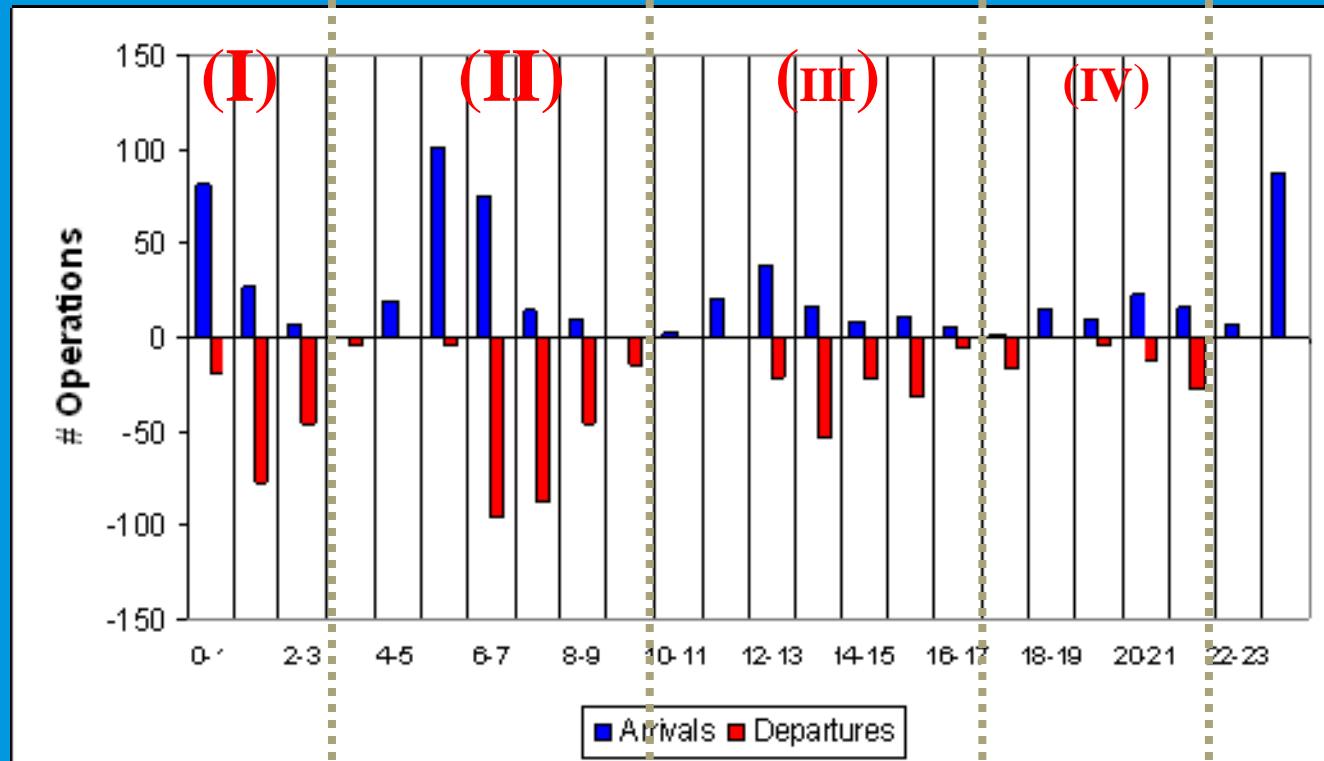
CNU by connecting market via Dubai





EK at DXB: a “night-hour” hub





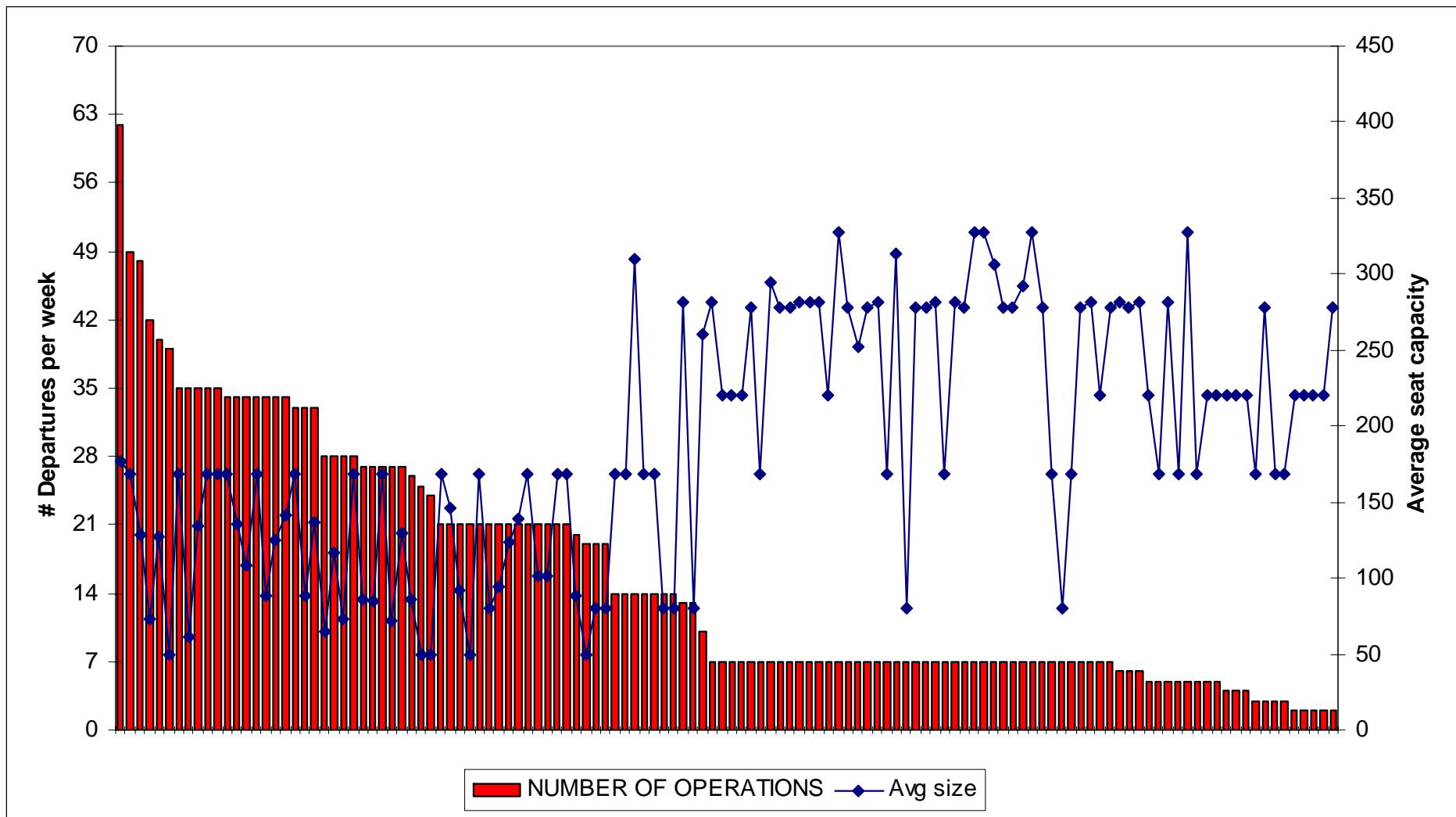
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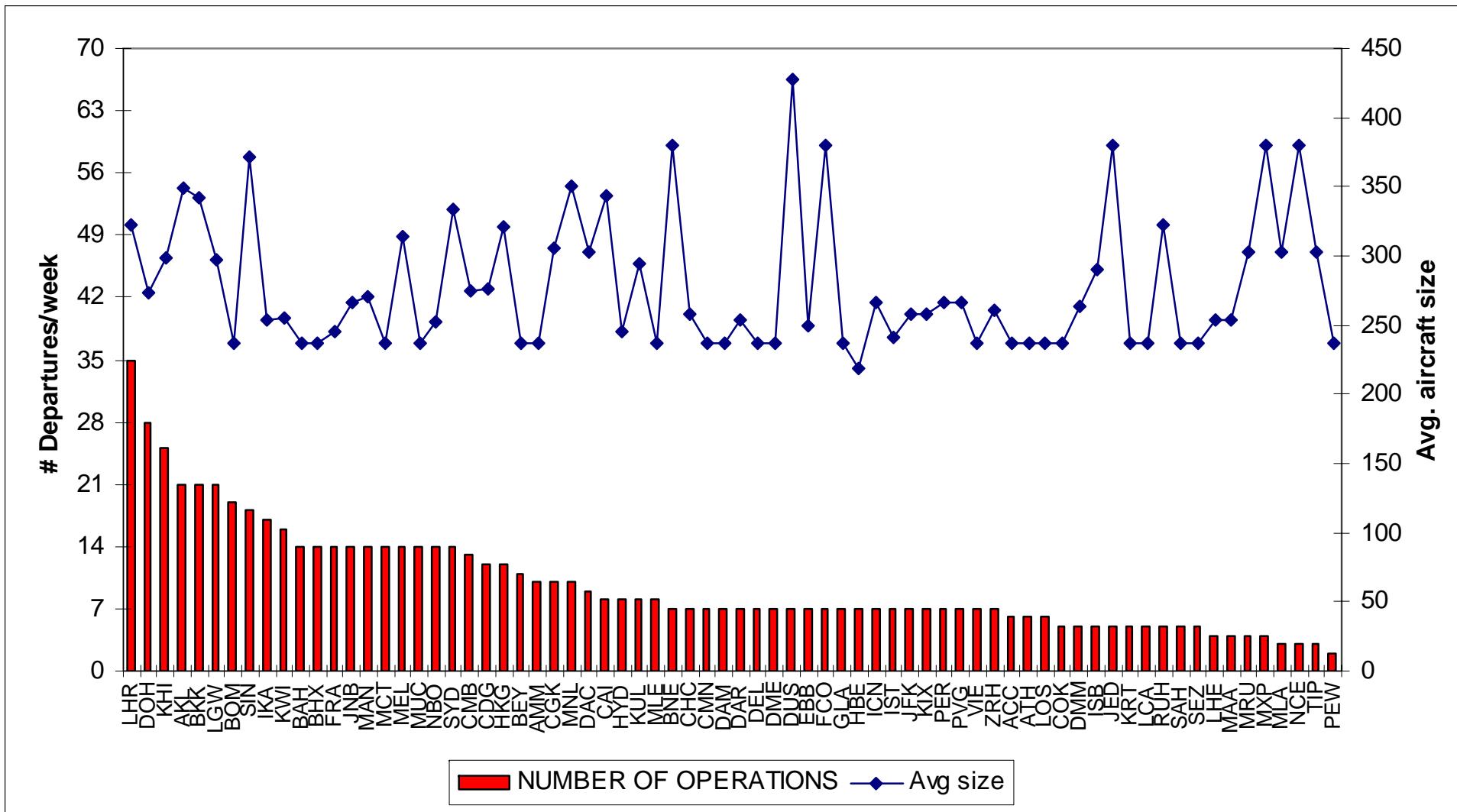
In	Uit
India	Europa
Pakistan	

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New York	India
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Europa	Verre Oost.

KLM at AMS: short-haul frequency versus long-haul capacity

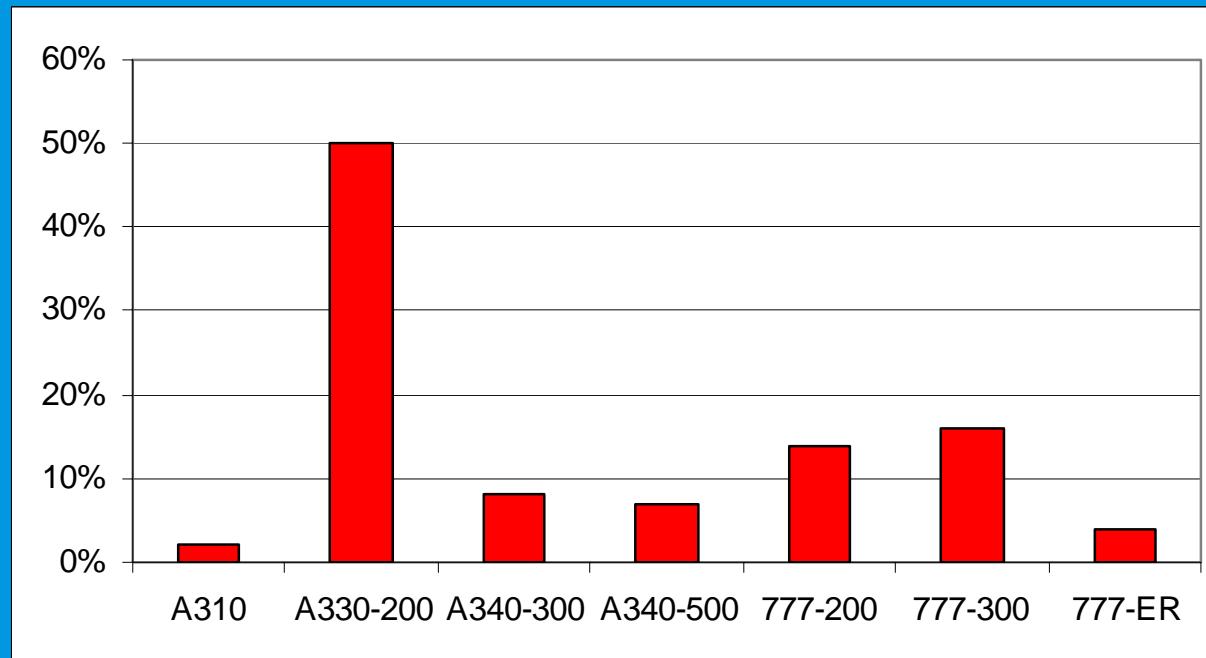


Emirates at DXB: focus on capacity, even on short-haul





Fleet distribution Emirates

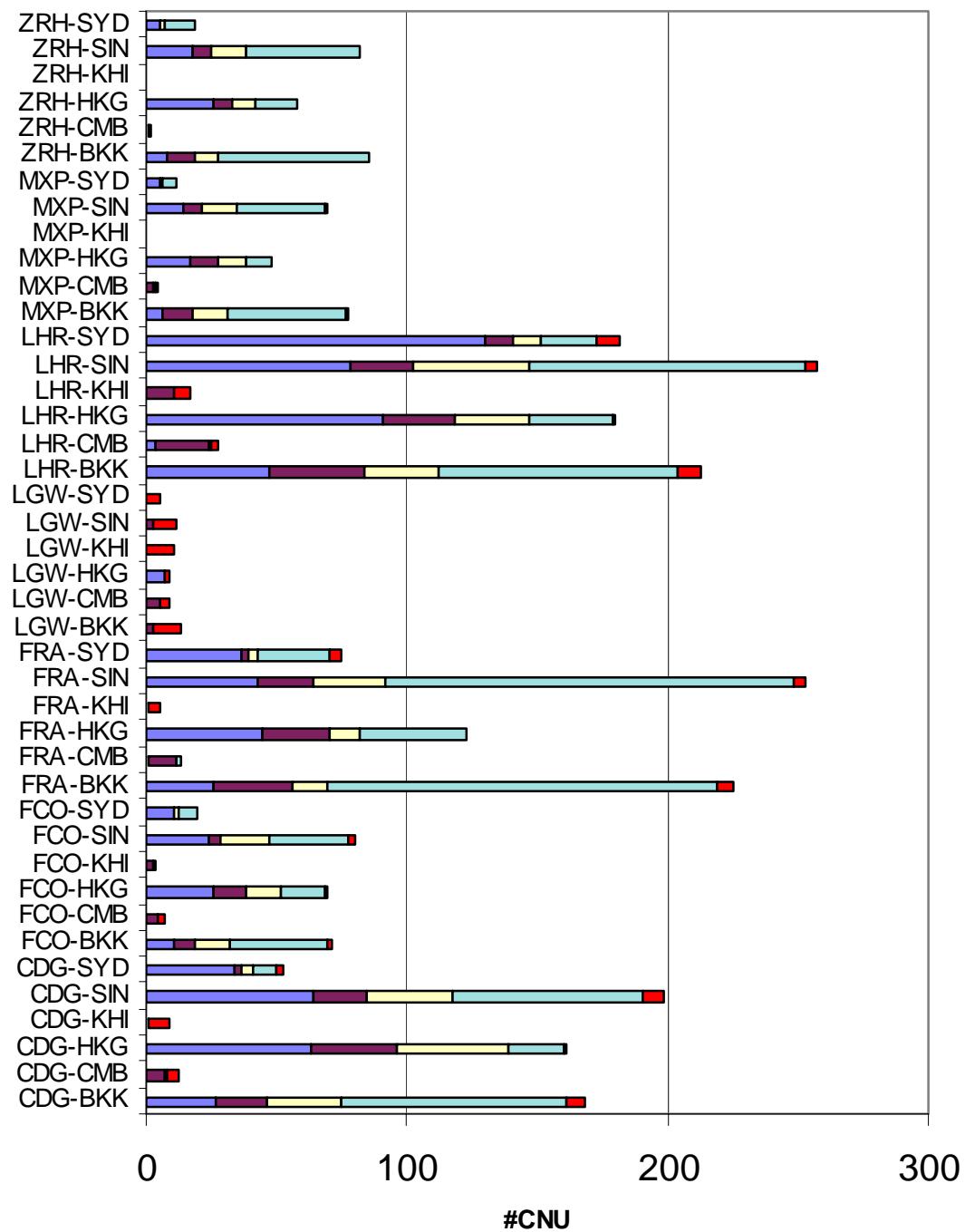




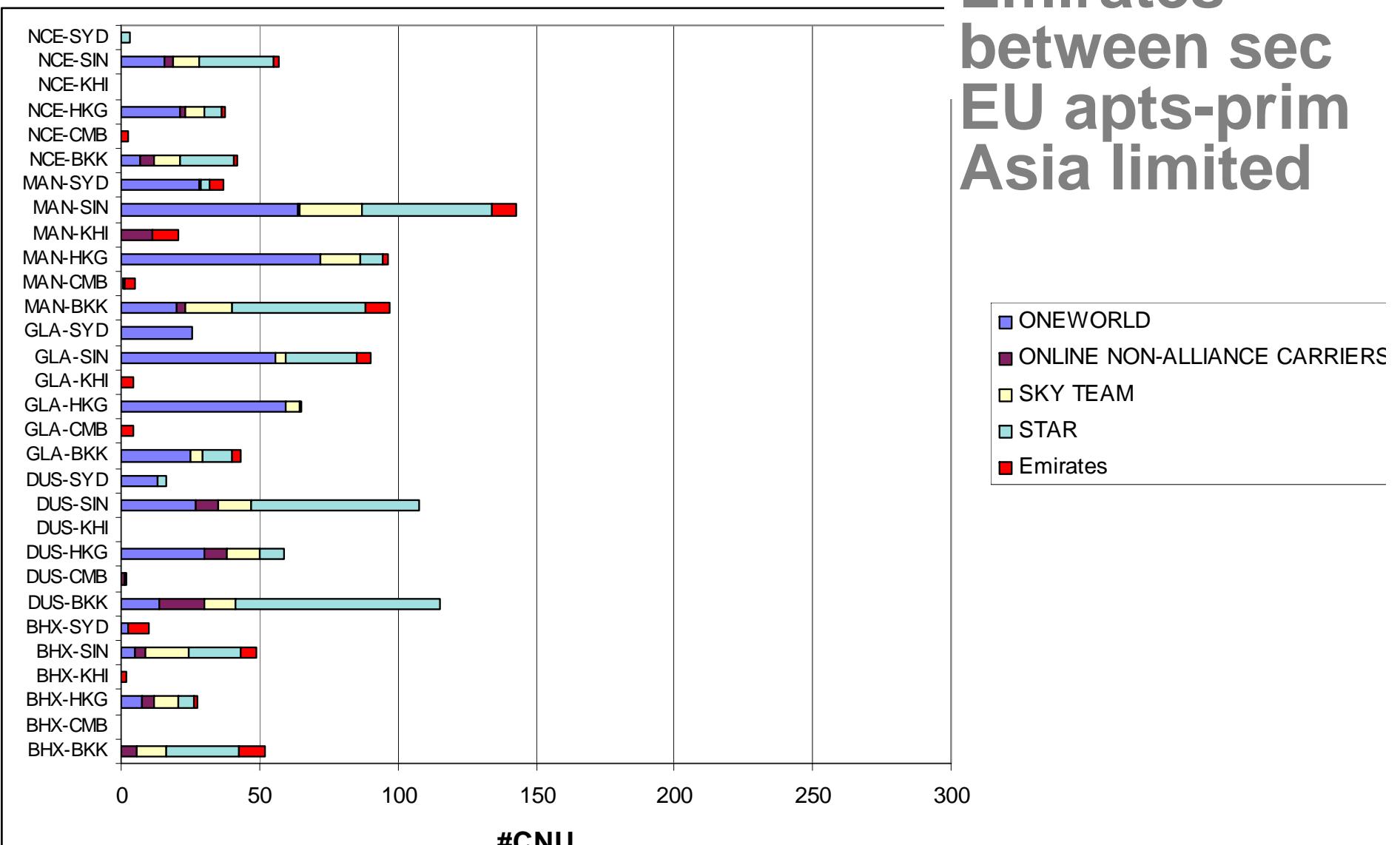
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Competitive position of Emirates between prim EU hubs-prim Asia limited



Competitive position of Emirates between sec EU apts-prim Asia limited





Conclusions and remarks

- Hub operation is still underdeveloped in terms of number of waves, frequencies and destinations served
- Position in connecting markets still limited
- Well-placed with respect to success factors hubs:
 - Airport capacity and plans
 - Excellent geographical location of hub
 - Strong hub-carrier
 - Corporate style of governance/ functional synergies
- But:
 - Not part of global airline alliance
 - Small catchment area