

EVENT ANALYSIS OF ED SHEERAN CONCERTS ON 23-24 JULY 2019

Tapahtumaseminaari 13.11.2019

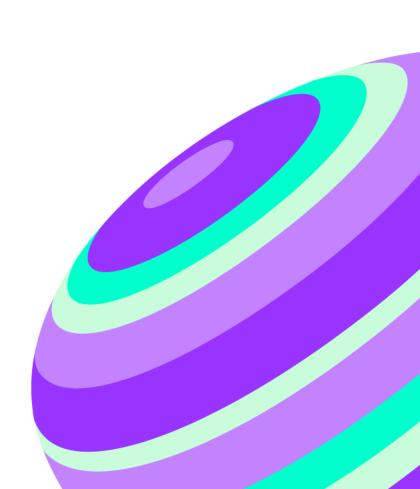
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TELIA CROWD INSIGHTS

People flow insights based on anonymized and aggregated mobile network data.

RELIABLE



HOLISTIC

CONTINUOUS



PERSONAL INTEGRITY IS OF THE HIGHEST IMPORTANCE



PERSONAL INTEGRITY



MAKE BETTER DECISIONS

TRANSPORTATION URBAN DEVELOPMENT





TOURISM & EVENTS RETAIL & REAL ESTATE







HOW THE EVENT ANALYSIS WAS CONDUCTED?

- Counting unique daily and hourly visitors using Telia Crowd Insights Location analysis
- Origin and overnight location identified by the first and last signal of the day
- Time periods analyzed:
 - Event days: 23-24 July
 - Reference days: 30-31 July
- Key questions answered
 - How many people visited the event?
 - What was the hourly profile of the event?
 - Where in the city the event affected?
 - Where did visitors come from?
 - What was the share of local, day and overnight visitors?





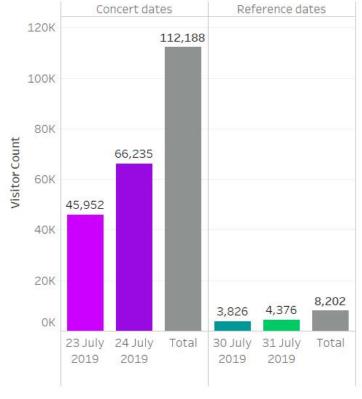
LOCATION OVERVIEW AND EVENT VISITOR COUNTS

Location: Malmi Airport





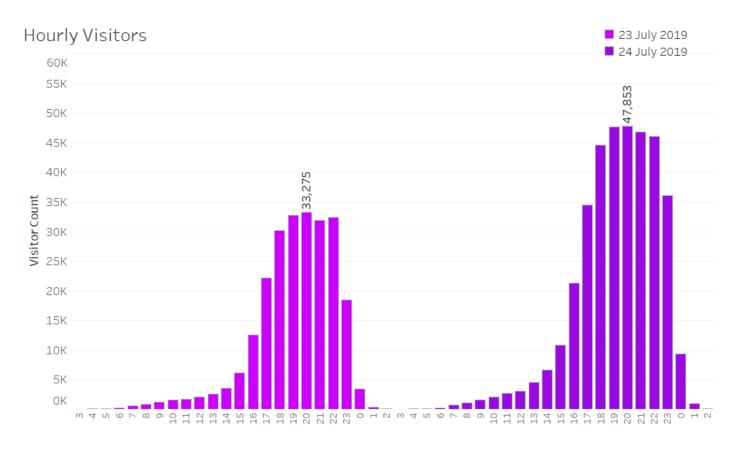




- The concerts were held at Malmi Airport during 23-24 July 2019.
 - Malmi airport was defined as 1 x 1 km area shown in the map
- The two concert days had total of 112 000 visitors in the area.
 - First day: 46 000 visitors
 - Second day: 66 0000 visitors
- Reference days 30-31 July had around 4 000 visitors on both days on the area.



HOURLY PROFILE OF EVENT VISITS

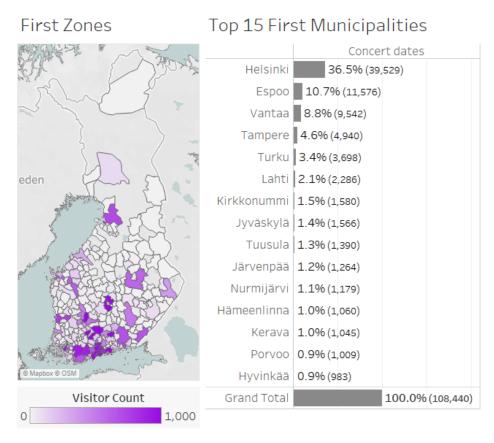


- The visitor count peaked at 20:00 during both concert nights with 33 000 people on the 23rd and 48 000 people on the 24th.
- High visit counts lasted between 5-7 hours, 17:00-00:00 for both dates. The concerts ended between 22:00-23:00, after which we see a sharp drop in visit counts.



WHERE DID THE VISITORS COME FROM?

TOP MUNICIPALITIES



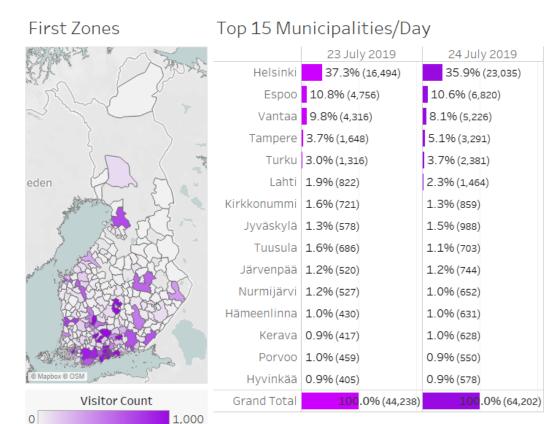
- During the concert days visitors came from 247 out of Finlands 311 municipalities.
- More than a third (36.5 %) of the visitors started their day in Helsinki, and almost two thirds (65 %) of the visitors started their day in one of the top 5 municipalities.
- The total air distance* travelled by the visitors from their first zone to the concert location is roughly 25 000 000 km.
- A total of 14 municipalities had more than 1 000 visitors.



^{*} Distance calculated from the centroid of origin municipality to the event location.

WHERE DID THE VISITORS COME FROM?

TOP MUNICIPALITIES PER DAY



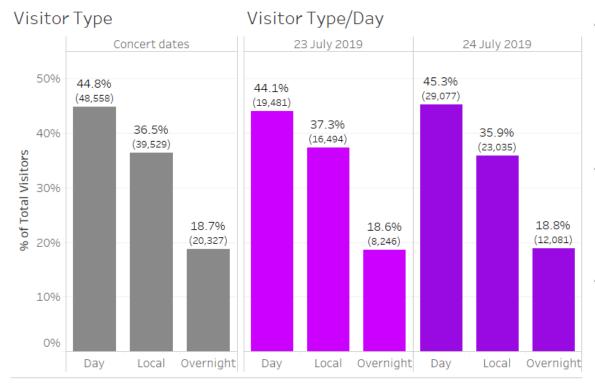
- Across the two concert days the top municipalities are the same, however, on the 24th the visitors came from further away municipalities.
- On the 23rd, 40 % of the visitors came from municipalities further than 100 km* from the concert location, whereas on the 24th the same number was 49 %.



^{*} Distance calculated from the centroid of origin municipality to the event location

VISITOR TYPES

LOCAL VISITORS, DAY VISITORS AND OVERNIGHT VISITORS



Visitors total 108,440

Local visitors arrived from Helsinki.

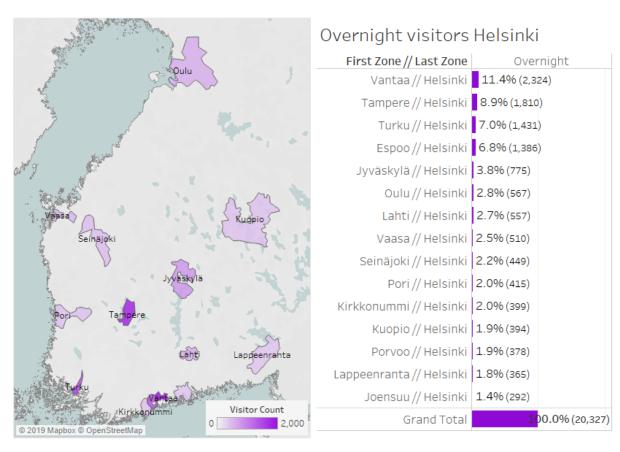
Overnight visitors arrived outside of Helsinki and stayed overnight in Helsinki after the event.

Day visitors arrived outside of Helsinki and left Helsinki after the event.

- During the two concert days 44.8% of the visitors were day visitors, meaning they started and ended their day outside of Helsinki.
- Roughly a third of the visitors were locals from Helsinki and 20 000 (18.7%) were overnight visitors.
- The differences between the concert days are minimal with slightly more local visitors during the 23rd and slightly more day visitors during the 24th.



WHERE DID OVERNIGHT VISITORS COME FROM?

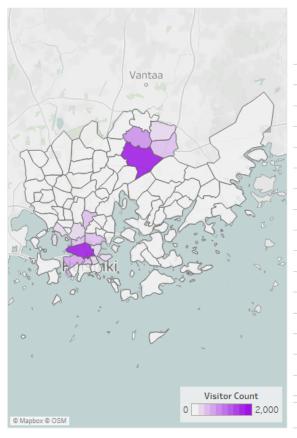


- The neighbouring municipality Vantaa had the most overnight visitors.
- However, most of the overnight visitors come from further away municipalities.
- The overnight visitor count correlates with municipality population.



WHERE DID THE CONCERT VISITORS END THEIR DAY?

LOCAL AND OVERNIGHT VISITORS SEPARATED



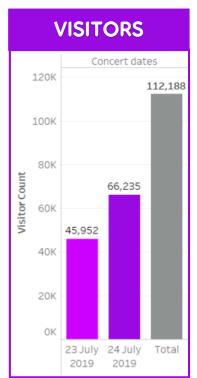
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Last Zone	ΟX	VISILOR	rype

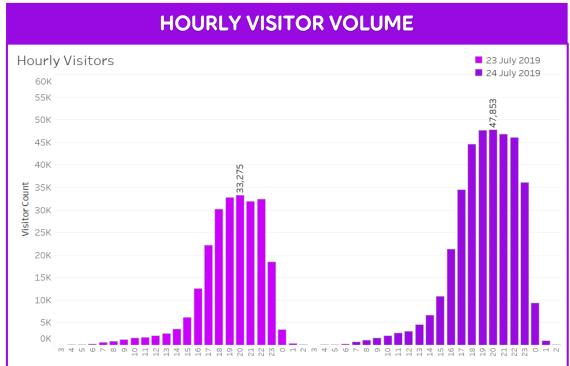
zip	Last Zone (zip5)	Local	Overnight
100	Helsinki Keskusta - Etu	46.3% (3,387)	53.7% (3,934)
700	Malmi	69.7% (4,468)	30.3% (1,945)
730	Tapanila	60.9% (1,347)	39.1% (866)
530	Kallio	67.3% (1,206)	32.7% (585)
180	Kamppi - Ruoholahti	59.4% (1,050)	40.6% (716)
120	Punavuori	59.3% (791)	40.7% (542)
260	Keski-Töölö	52.7% (662)	47.3% (594)
510	Etu-Vallila - Alppila	81.6% (878)	18.4% (199)
250	Taka-Töölö	78.6% (779)	21.4% (212)
770	Jakomäki - Alppikylä	59.2% (584)	40.8% (402)
500	Sörnäinen	82.7% (784)	17.3% (164)
200	Lauttasaari	90.1% (831)	9.9% (92)
520	Itä-Pasila	50.9% (437)	49.1% (422)
550	Vallila	81.4% (692)	18.6% (158)
760	Suurmetsä	65.0% (548)	35.0% (295)
Grand	l Total	70.7 <mark>% (36,649)</mark>	<mark>29.3</mark> % (15,186)
Total	- municipality level	66.0% (39,529)	34.0% (20,327)

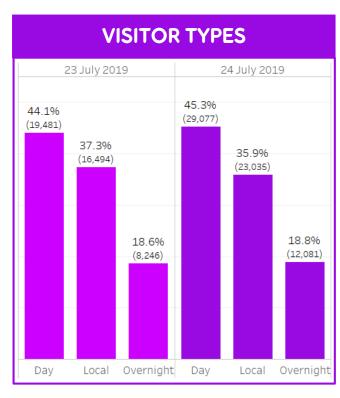
- Most overnight visitors stay in the central Helsinki where less than 50% of the last zone visitors were local.
- Also other areas with hotels such as Kallio, Kamppi - Ruoholahti, Punavuori, Keski-Töölö and Itä-Pasila – have large share of overnight visitors



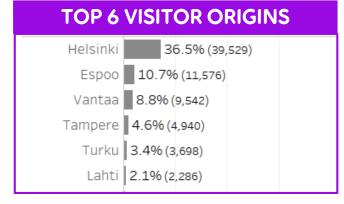
ED SHEERAN AT MALMI AIRPORT ON 23-24 JULY 2019

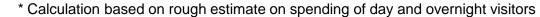






ECONOMIC IMPACT OF THE EVENT (M€)						
CONCERT	DAY VISITORS (100 € / visitor*)	OVERNIGHT VISITORS (200 € / visitor*)	TOTAL			
First concert	1,9	1,6	3,6			
Second concert	2,9	2,4	5,3			
Both concerts	4,9	4,1	8,9			







VISITOR COUNTS CATCHMENT AREA + TOURISTS

CITY VITALITY INSIGHTS PROVIDES CONTINUOUS INSIGHTS ON EVENT IMPACT IN THE CITY

