

Companies, labour market and internationality in the Tampere City Region

31.8.2018



INDEX

1. MONITORING INDICATORS
2. COMPANIES
3. FOREIGN TRADE
4. INTERNATIONALITY
5. LABOUR MARKET



1. Monitoring indicators

Indicator	"NOW"	Change from previous in %
New companies (Statistics Finland) TCR	2,123 (2017) 724 (Q1/2018)	+9.8% (2016) 14.9% (Q1/2017)
Growth companies (Statistics Finland) TSR	Narrow*: 69 (2013–2016) Broad*: 535 (2013–2016)	+16.9% (2012–2015) –5.6% (2012–2015)
Number of employees in growth companies (Statistics Finland) TSR	Narrow*: 6,569 (2013–2016) Broad*: 14,902 (2013–2016)	
Start-up companies (Vainu**) TCR	240 (August 2018)	–
Number of employees in start-ups (Vainu**) TCR	253 (August 2018) (n = 55)	–
Turnover, manufacturing (Statistics Finland) TCR	€7,993.5 million (2016)	–0.3% (2015)
Turnover, ICT (Statistics Finland) TCR	€1,821 million (2016)	+0.7% (2015)
Turnover, health and well-being (Statistics Finland) TCR	€1,269.3 million (2016)	+5.3% (2015)
Turnover, experience economy (Statistics Finland) TCR	€1,564.6 million (2016)	+6.6% (2015)
Turnover, creative industries (Statistics Finland) TCR	€662.1 million (2016)	–4.3% (2015)

TCR = Tampere City Region
TSR = Tampere Sub-Region
TR = Tampere Region

* Narrow definition: The company's initial employment was at least 10 people at the beginning of the growth period and there was an average growth rate of 20%/year throughout the growth period.
 Broad definition: The company's initial employment was at least 3 people at the beginning of the growth period and there was an average growth rate of 10%/year throughout the growth period.

** There is no clear statistical source for monitoring start-up companies at the moment. Vainu's service recognises start-ups using a self-developed, learning algorithm that is based on previously recognised start-ups.

1.

Monitoring indicators

Indicator	"NOW"	Change from previous in %
Unemployment rate (Ministry of Economic Affairs and Employment) TCR	11.0 (7/2018) 12.7 (average 2017)	-2.6% points (7/2017) +0.35% points (6/2018)
Tekes RDI funding for companies TR	€40,203,881 (2017)	+5.8% (2016)
Export companies (Statistics Finland) TR	603 (2016)	-3.8% (2015)
Import companies (Statistics Finland) TR	1,324 (2016)	+2.7% (2015)
Overnight stays by foreigners (Statistics Finland) TR	99,412 (2017) 12,373 (6/2018e)	+7.5% (2016) +6.8% (6/2017)
Industrial policy indicators (Federation of Finnish Enterprises)	6.9 (Tampere Region 2018) 6.1 (Tampere 2018)	6.6 (Tampere Region 2016) 6.4 (Tampere 2016)
Municipality ranking (Confederation of Finnish Industries) TSR	7th place (2017) 67 points (2017)	7th place (2015) 62 points (2015)
Active companies in operation	25,196 (Q1/2018: 24,942) 5 September 2018	

TCR = Tampere City Region
TSR = Tampere Sub-Region
TR = Tampere Region

* Narrow definition: The company's initial employment was at least 10 people at the beginning of the growth period and there was an average growth rate of 20%/year throughout the growth period.
Broad definition: The company's initial employment was at least 3 people at the beginning of the growth period and there was an average growth rate of 10%/year throughout the growth period.

** There is no clear statistical source for monitoring start-up companies at the moment. Vainu's service recognises start-ups using a self-developed, learning algorithm that is based on previously recognised start-ups.

2.

COMPANIES

- a) **Stock of companies**
- b) **Growth companies**
- c) **Startups**
- d) **RDI Funding from Business Finland to companies**
- e) **Venture transactions to companies**



2a.

Stock of companies



42 862

STOCK OF COMPANIES, total

(Tampere, Lempäälä, Vesilähti, Pirkkala, Nokia, Ylöjärvi, Kangasala, Orivesi ja yritys muodot tmi, osk, oy, ky ja ay)



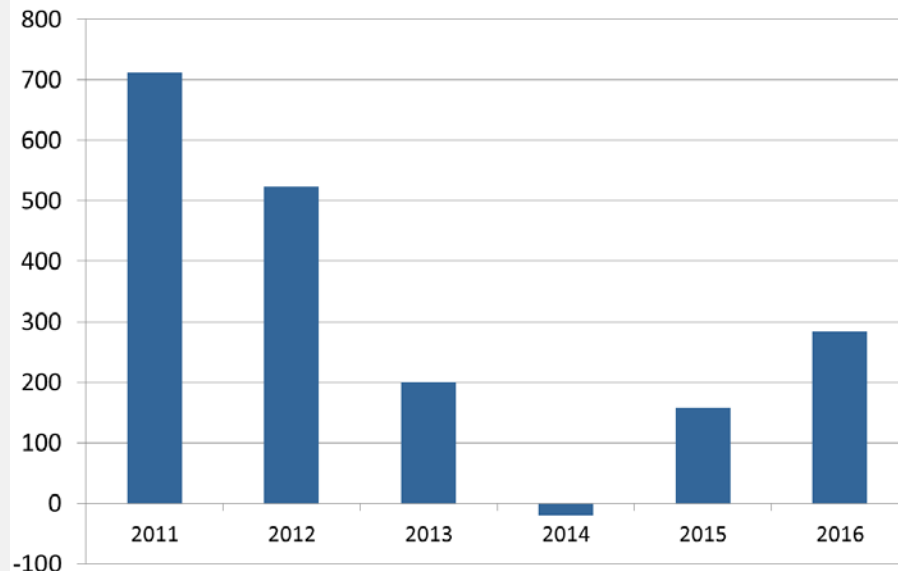
25 196

ACTIVE COMPANIES, total

(tila aktiivinen, kaupparekisterin pvm 5.9.2018 asti, yritys muodot ja kunnat) (vuosi sitten 22 582, muutos -1,7 %)

Net increase of enterprises in the Tampere City region

Source: Statistics Finland

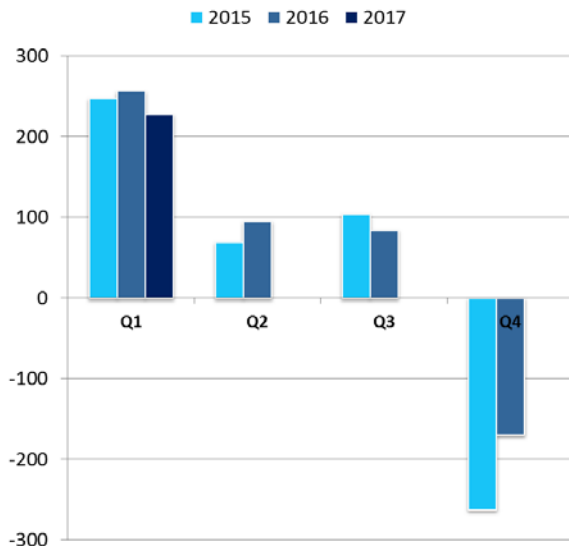


2a.

Stock of companies

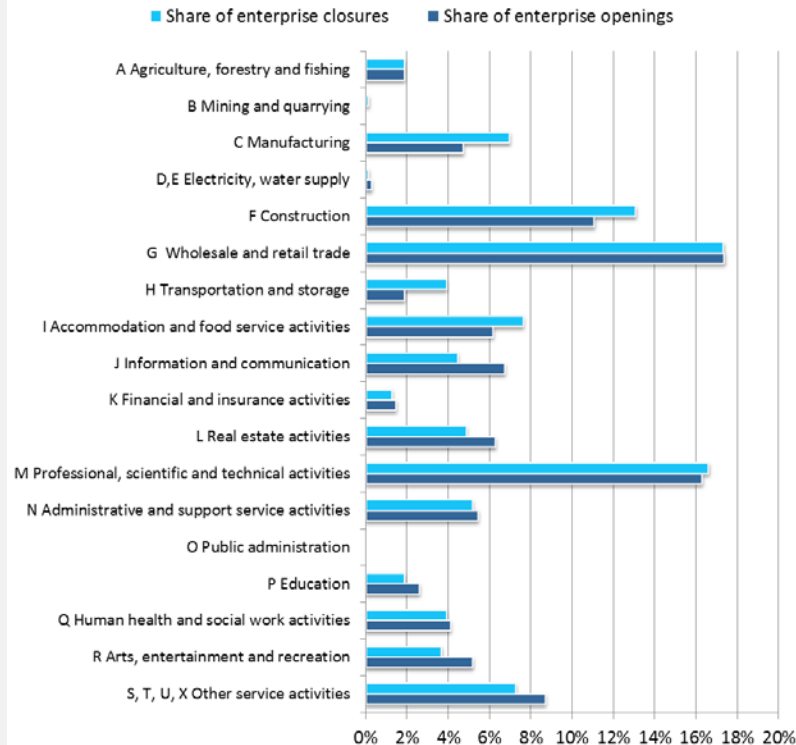
Net increase on enterprises in the Tampere City Region

Source: Statistics Finland



Enterprise openings and closures by industry in the Tampere City Region, 2016, share of total %

Source: Statistics Finland

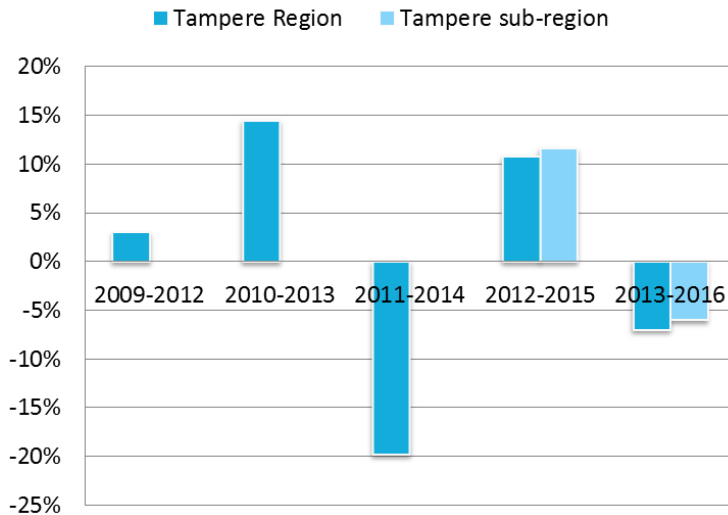


2b.

Growth companies

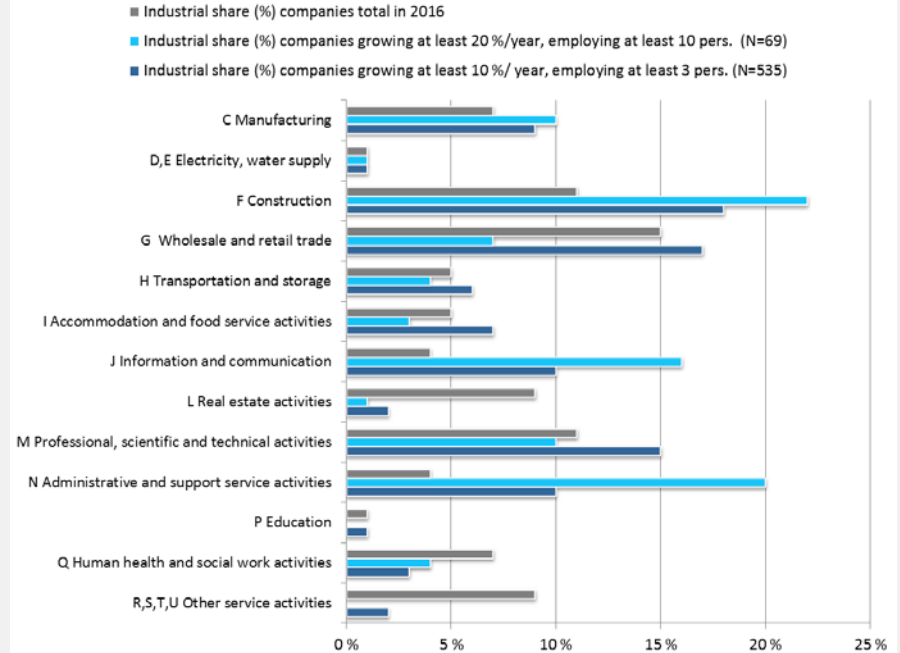
Change % in the number of growth companies

Source: Statistics Finland



Growth companies by industrial classification in the Tampere sub-region, growth period 2013-2016

Source: Statistics Finland

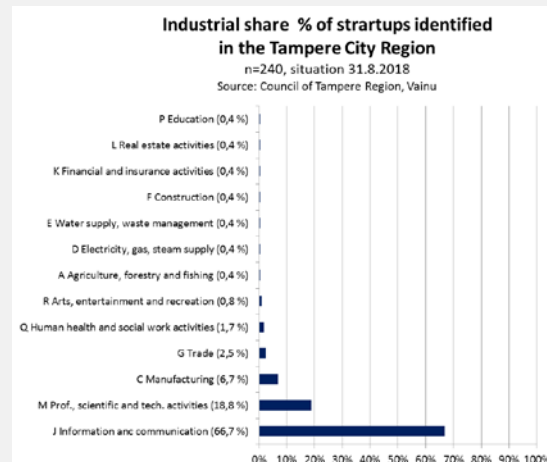
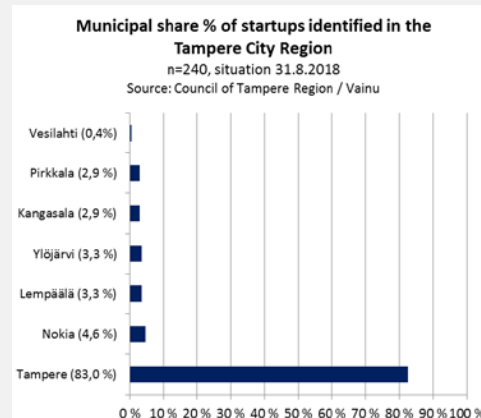


2c.

Startups

The startups are identified using Vainu's service based on the algorithm developed in co-operation with BusinessFinland and the Ministry of Employment and the Economy in 2016.

Because the operation of the Vainu service is based on machine learning and a continuously developing algorithm, it does not enable simple comparison of data accumulated at different times. The service searches for Finnish companies that meet the definition of a startup using an algorithm based on previously identified startup companies. The requirements for the startups are based on, for example, the companies age and growth.

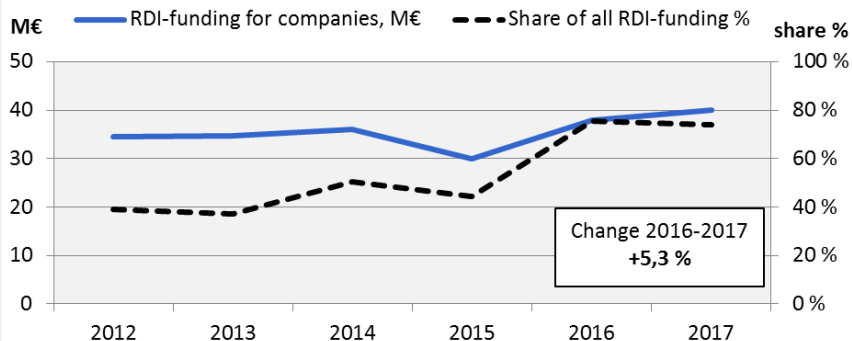


2d.

RDI-Funding from Business Finland to companies

Business Finland RDI-funding granted to companies, Tampere Region

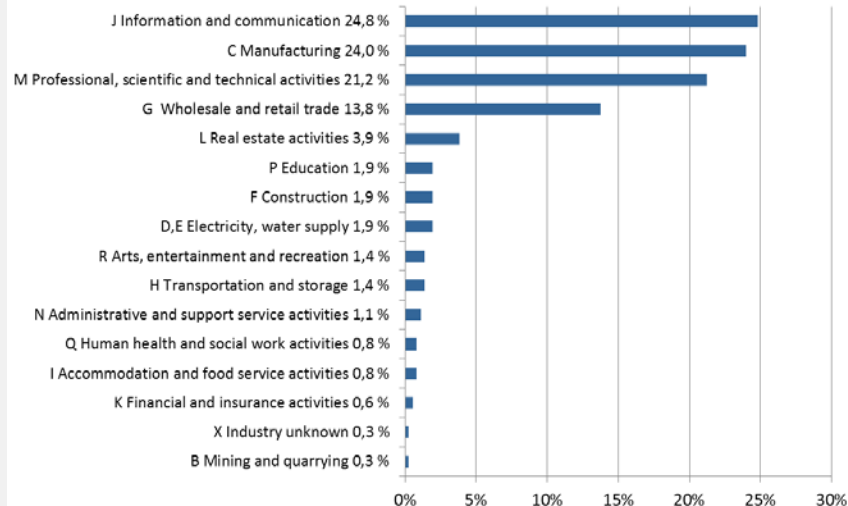
Source: Business Finland



Business Finland RDI-funding granted to companies, Tampere Region 2017

Industrial share % of companies

Source: Statistics Finland

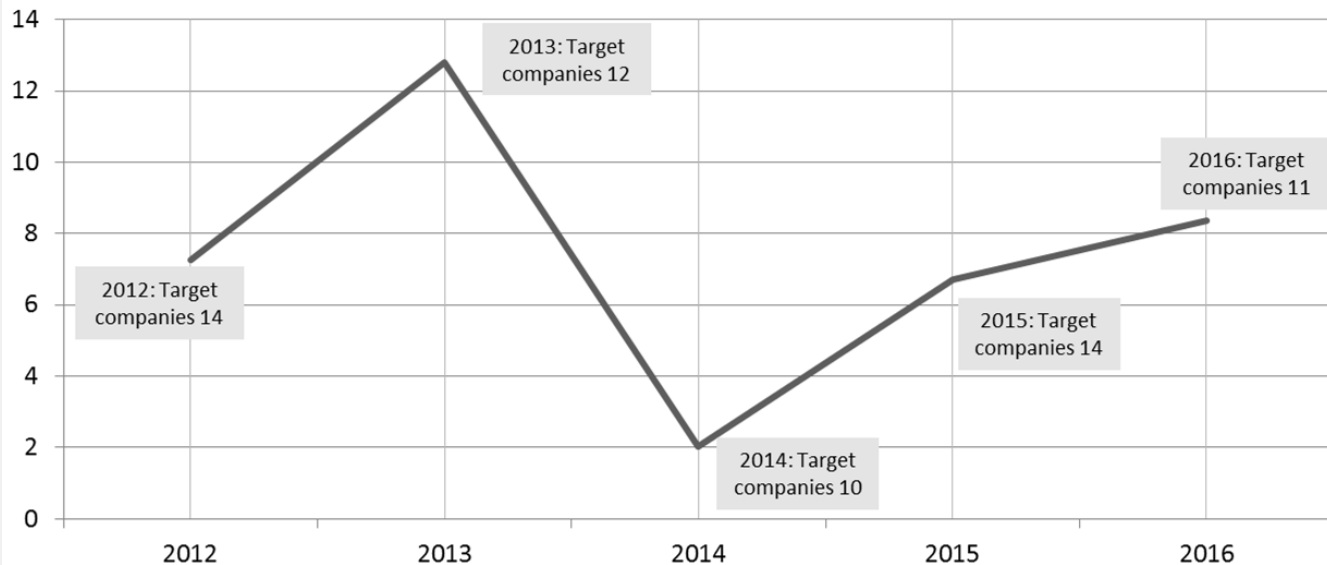


2e.

Venture transactions in the Tampere Region

Venture transactions to companies in the Tampere City Region, M€

Source: Invest Europe/ PEREP_Analytics



3.

FOREIGN TRADE

- a) Exporting and importing companies**
- b) Target areas of export activities**



3a.

Exporting companies

International trade in the Tampere Region, number of exporting and importing companies

Source: Statistics Finland

	2011	2012	2013*	2014	2015	2016	Change 2015-2016
Companies total	24 016	24 152	25 585	25 470	25 391	25 385	0,0 %
Importing companies	1407	1444	1430	960	938	990	5,5 %
Exporting companies	158	158	153	256	276	269	-2,5 %
Importing and exporting companis	523	534	538	353	351	334	-4,8 %
Exporting companies in total	681	692	691	609	627	603	-3,8 %

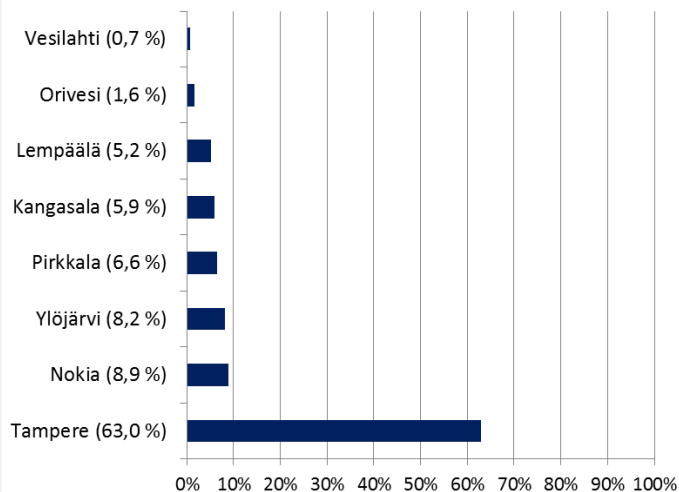
3a.

Exporting companies

Municipal share* of the export companies in the Tampere City Region registered by Finnish Customs

N=305, situation 30.8.2018

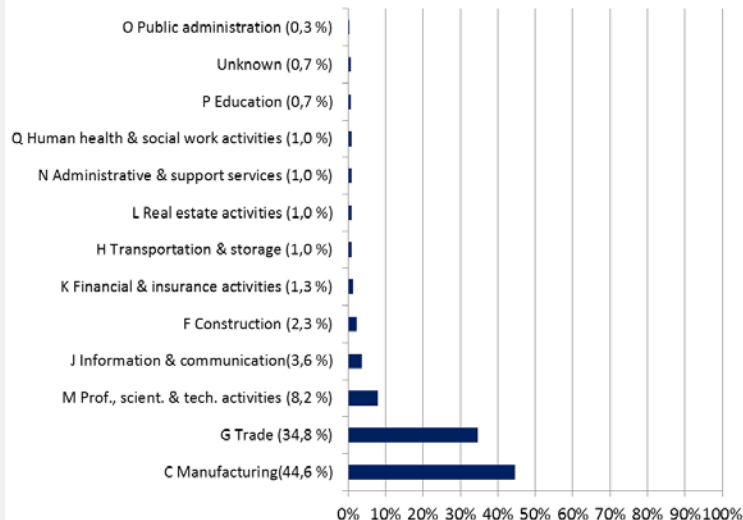
Source: Council of Tampere Region, Vainu



Industrial share % of the export companies in the Tampere City Region registered by Finnish Customs

N=305, situation 30.8.2018

Source: Council of Tampere Region, Vainu

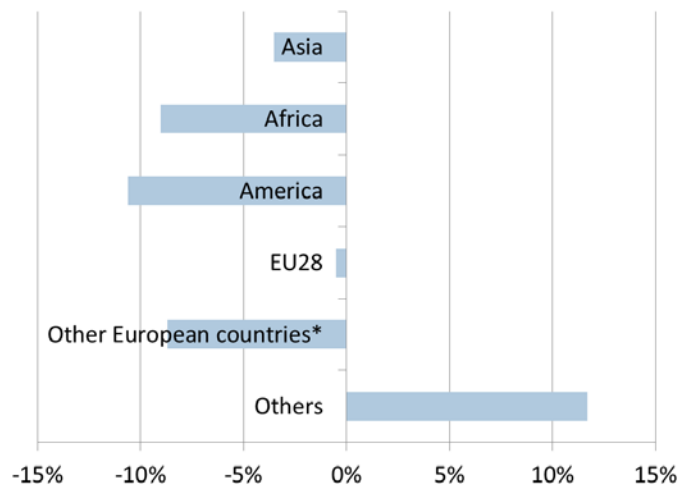


3b.

Target areas of export activities

Change in number of exporting countries by the target area, Tampere Region 2015-2016

Source: Statistics Finland

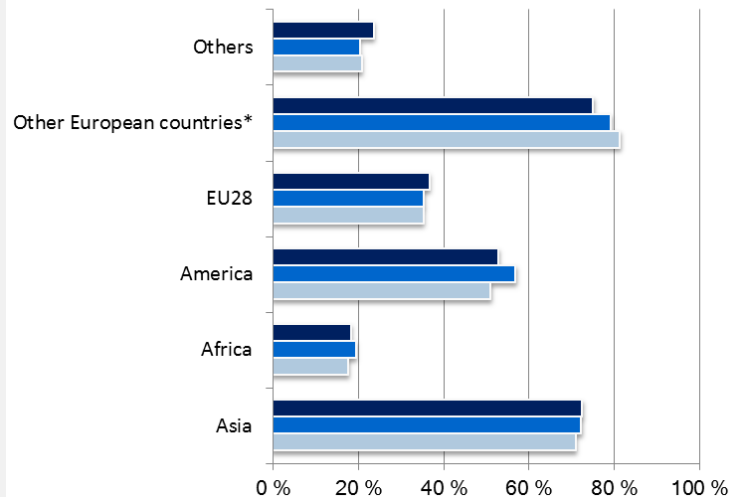


Exporting companies by target areas,

share % of all exporting companies in the Tampere Region

Source: Statistics Finland

■ 2016 ■ 2015 ■ 2014



4.

INTERNATIONALITY

- a) **Overnight stays of foreign visitors**
- b) **Air-passengers at the Tampere-Pirkkala airport**
- c) **International students and researchers**
- d) **Logistical connections**

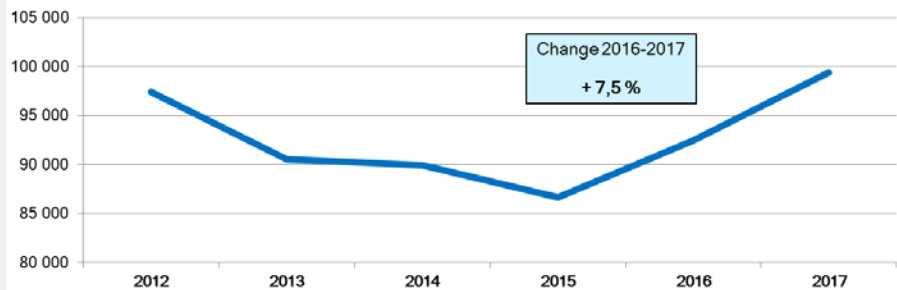


4a.

Foreign visitors in the Tampere Region

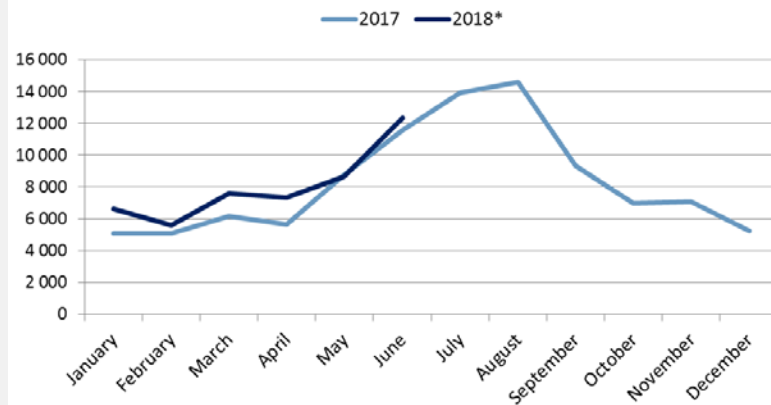
Foreign visitors in all accommodation establishments in the Tampere Region

Source: Statistics Finland, 2017



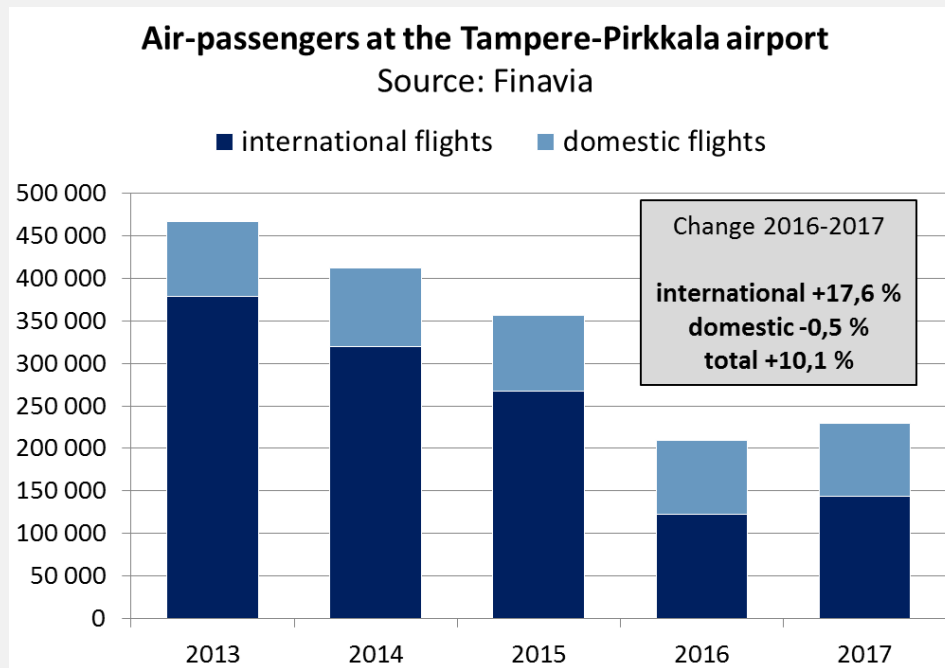
Foreign visitors in all accommodation establishments in the Tampere Region in 2017 -2018

Source: Statistics Finland, 2018* preliminary data



4b.

Air-passengers at the Tampere-Pirkkala airport

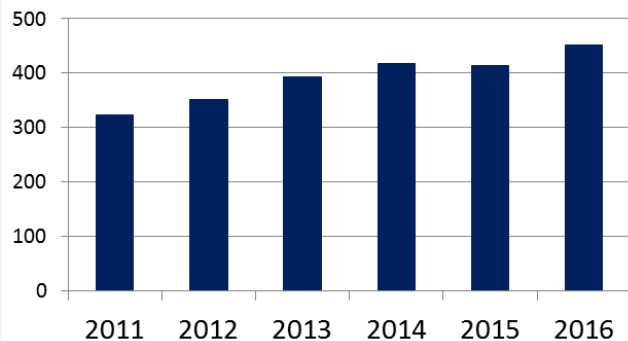


4c.

International students and researchers

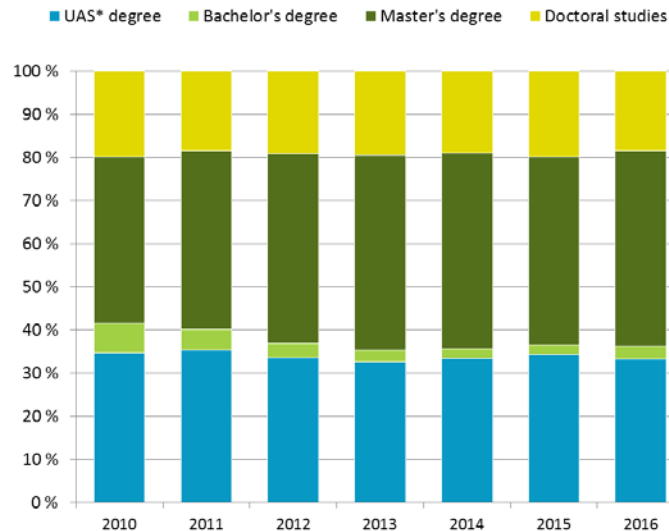
International researchers in the higher education institutions in Tampere

Source: Situational Picture of Innovation in the Tampere Region



International degree students in the Tampere Region, share of international degree students in total %

Source: Vipunen / Education statistics Finland



*University of Applied Sciences

4d.

Logistical connections

Picture: Council of Tampere Region/ R. Rissanen



5.

LABOUR MARKET

- a) Unemployment rate by municipality
- b) Foreign labour force
- c) Jobseekers by occupation
- d) Workplaces by industry
- e) Open vacancies



5a.

Unemployment rate by month and municipality

Source: Toimiala Online / Ministry of employment and the economy of Finland

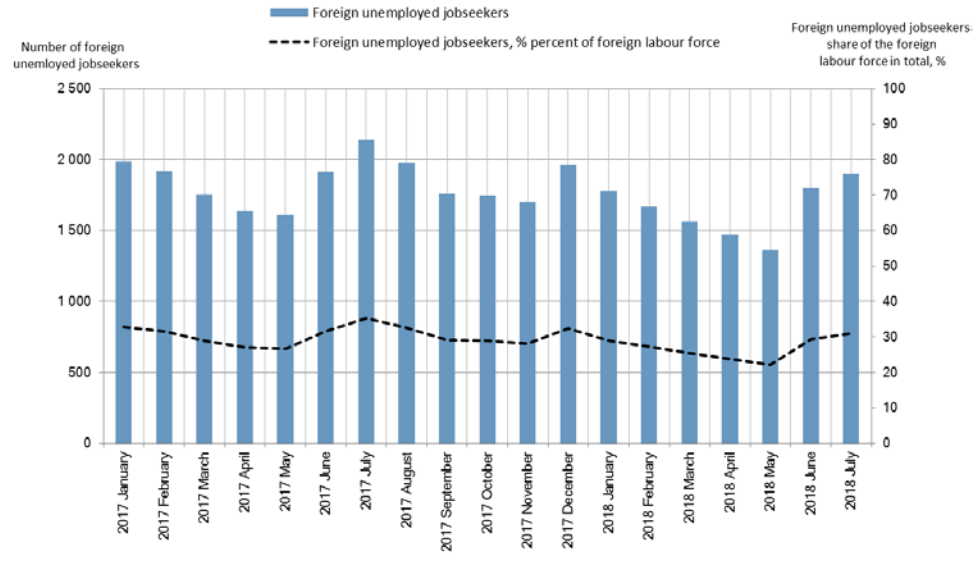
	KANGASALA	LEMPÄÄLÄ	NOKIA	ORIVESI	PIRKKALA	TAMPERE	VESILAHTI	YLÖJARVI	Tampere city region	Regional average
2017 January	12,4	11,4	13,9	13,7	10,0	16,8	11,3	10,8	14,9	12,5
2017 February	12,0	10,9	13,5	13,3	9,4	15,9	11,1	10,6	14,2	12,1
2017 March	10,6	9,9	12,5	12,1	8,7	15,0	9,7	9,7	13,3	11,0
2017 April	9,7	9,1	11,5	11,1	7,9	14,2	8,7	9,3	12,5	10,2
2017 May	9,3	8,2	10,9	10,1	7,7	13,6	8,5	9,1	11,9	9,7
2017 June	10,1	9,1	11,5	11,3	8,6	14,8	9,9	10,5	13,0	10,7
2017 July	10,4	9,9	12,0	11,4	9,0	15,5	10,0	10,8	13,6	11,1
2017 August	9,3	8,4	10,6	10,6	7,8	14,2	9,0	9,1	12,3	9,9
2017 September	8,8	7,8	10,1	9,8	7,6	13,7	8,1	8,3	11,7	9,3
2017 October	8,7	7,3	9,8	10,3	7,4	13,5	7,5	7,9	11,5	9,1
2017 November	8,7	7,1	9,7	10,1	7,2	13,4	6,9	7,6	11,4	8,8
2017 December	9,6	8	9,7	11,1	7,4	14,3	7,3	8,2	12,2	9,5
<i>yearly average 2017</i>	<i>10,0</i>	<i>8,9</i>	<i>11,3</i>	<i>11,2</i>	<i>8,2</i>	<i>14,6</i>	<i>9,0</i>	<i>9,3</i>	<i>12,7</i>	
2018 January	8,9	7,2	9,5	10,6	7,1	13,9	7,0	7,7	11,7	9,0
2018 February	8,4	6,7	9,1	10,4	6,9	13,3	6,7	7,4	11,2	8,6
2018 March	7,6	6,3	8,2	9,6	6,4	12,5	6,3	6,8	10,5	8,0
2018 April	6,9	6,2	7,9	8,4	6,0	11,8	5,5	6,5	9,9	7,4
2018 May	6,1	5,7	7,5	7,3	5,9	11,2	4,9	6,1	9,3	6,8
2018 June	7,1	7,1	8,6	8	6,8	12,6	6,1	7,5	10,6	8,0
2018 July	7,1	7,4	8,9	8,5	7,2	13	6,5	8	11,0	8,3

5b.

Foreign labour force

Unemployed, foreign labour force in the Tampere Sub-Region

Source: Toimiala Online / Ministry of employment and the economy of Finland

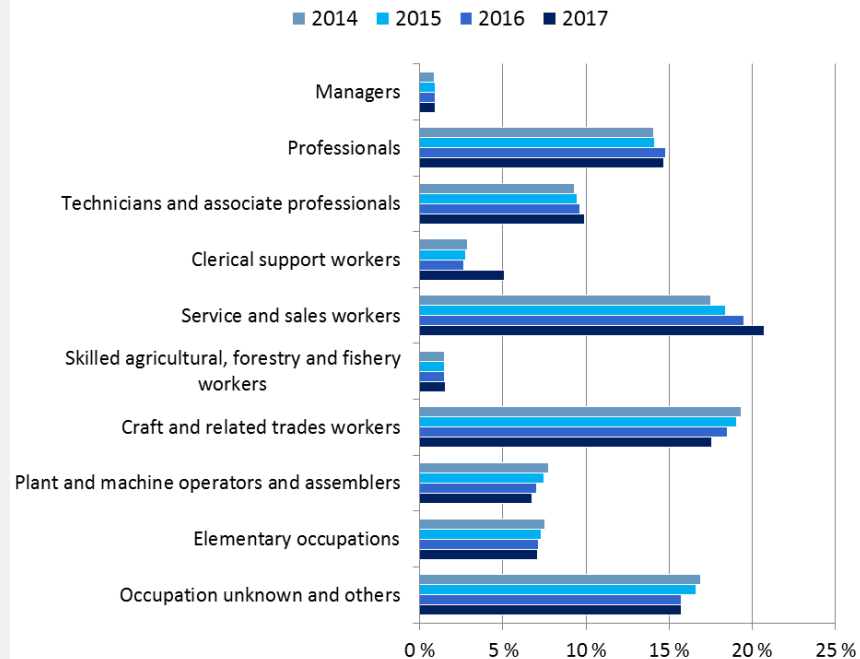


5c.

Jobseekers by occupation

Share of jobseekers by occupation in the Tampere Region

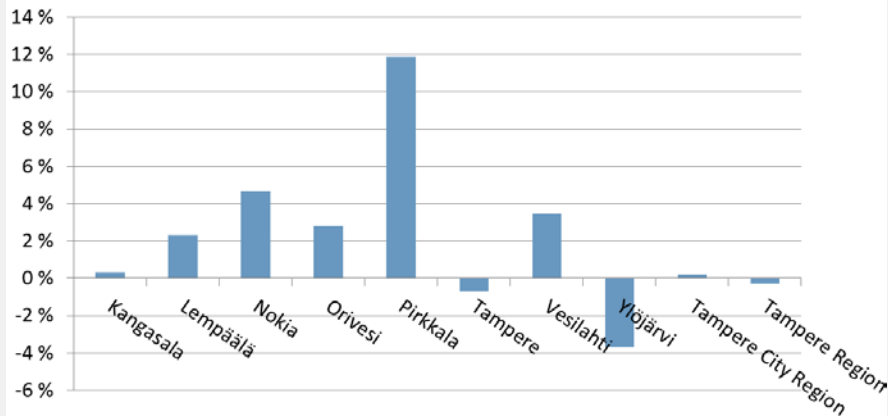
Source: Toimiala Online / Ministry of employment and the economy of Finland



Workplaces by industry and municipality

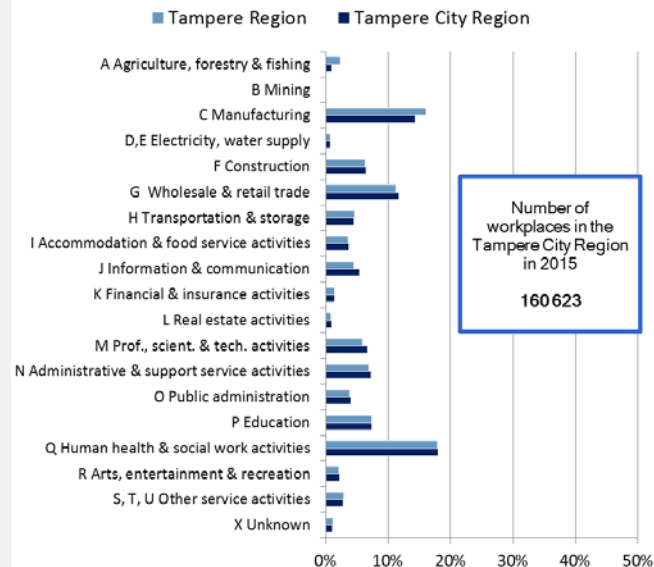
Change (%) in the number of workplaces by municipality 2014-2015

Source: Statistics Finland



Industrial share % of workplaces in 2015

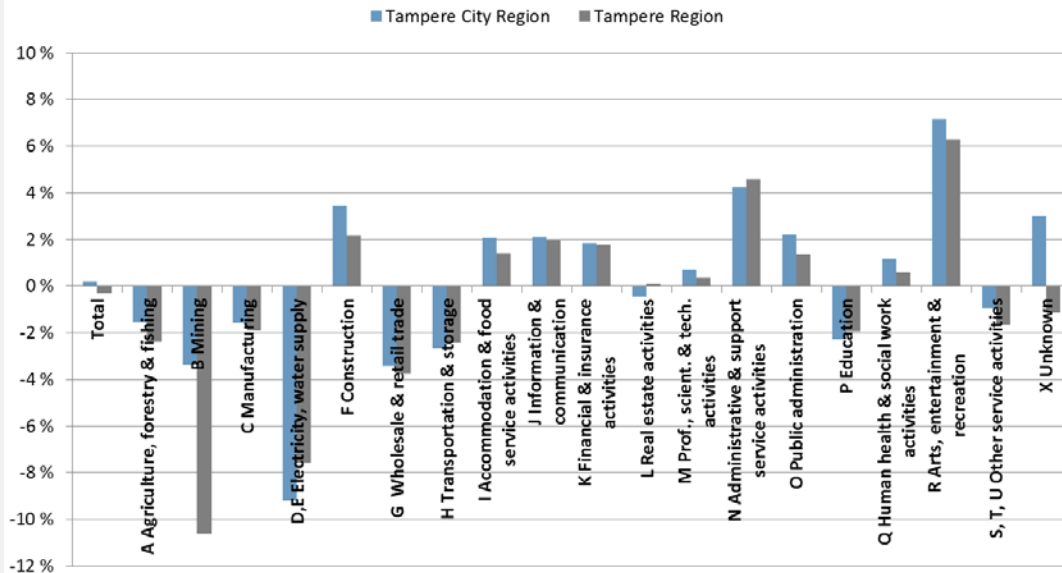
Source: Statistics Finland



Workplaces by industry and municipality

Change % in the number of workplaces by industry 2014-2015

Source: Statistics Finland

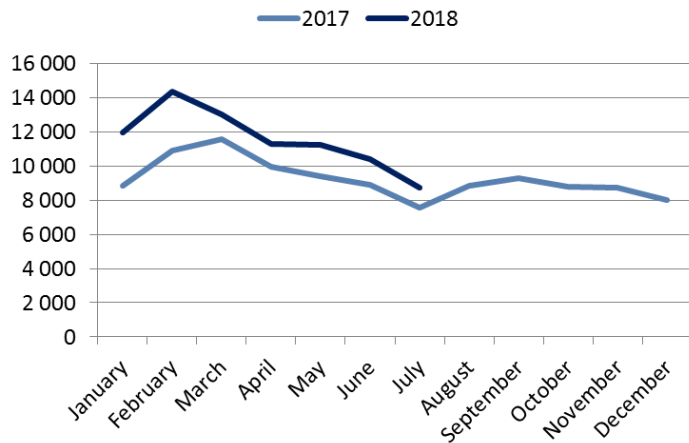


5e.

Open vacancies

Open vacancies by month in the Tampere City Region

Source: Toimiala Online / Ministry of employment and the economy of Finland



Number of open vacancies by industry (NACE2008), in July 2018 in the Tampere City Region

Source: Toimiala Online / Ministry of employment and the economy of Finland

