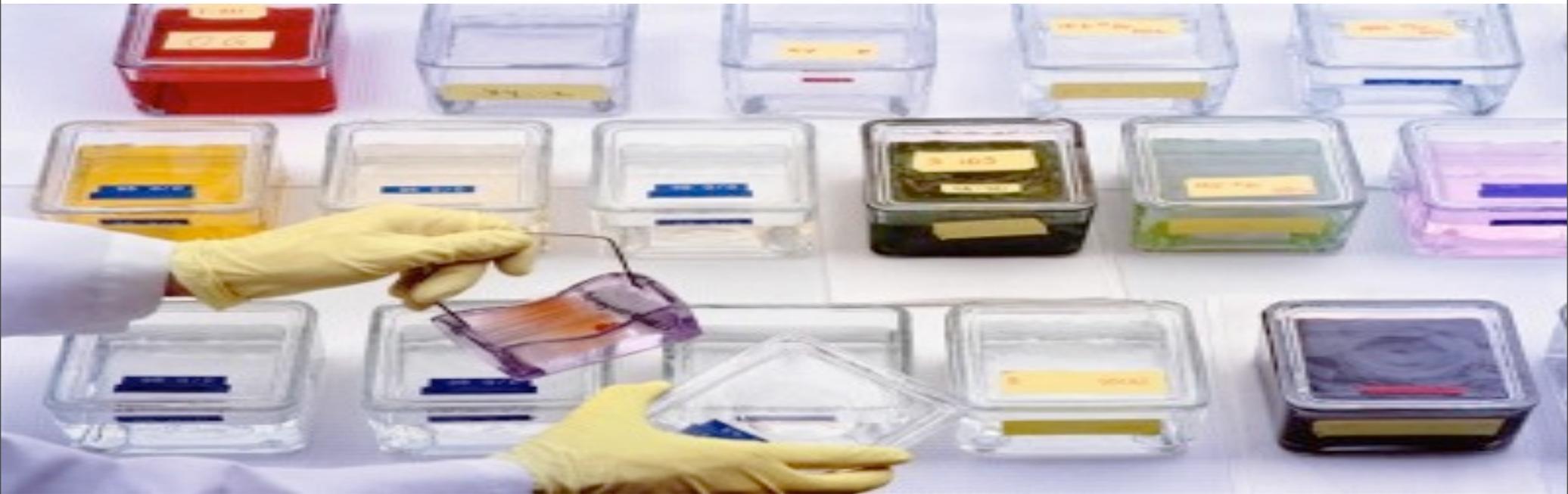


Summary Report

SSC BPO Survey, Jan-Oct 2008

Advisory/Shared Services Team



Jan-Oct 2008

Content

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Research overview

The research programme has been initiated by South Poland Business Link and is being conducted within the ASPIRE programme. The survey analyses the SSC/BPO market in Krakow in terms of size, scope, staff, location and specific centre characteristics.

The questionnaire has been developed by PricewaterhouseCoopers Poland and distributed to 12 SSC/BPO centres in November 2008. The responses from all 12 centres (including top 4 largest employers) have been gathered and analysed by PwC team.

The data in the report is for the period between January and October 2008.

Each centre receives an individual report with cumulative data from the survey. The data gathered has been compared with group average and/or median. The report content may be limited due to lack of data provided by your Company for certain areas. Population is not uniform so it has been provided in each section.

The following SSC/BPO centres have participated in the survey:

- Accounting Plaza Central Europe
- Capgemini Polska
- HCL Poland
- Hewitt Associates
- Hitachi Data Systems (Polska)
- HSBC Bank Polska
- IBM BTO Business Consulting Services
- PMI Service Center Europe
- Shell Polska (Zabierzów Branch)
- State Street Services Poland
- UBS Fund Services (Luxembourg, Polish Branch)
- UPM-Kymmene

SSC/BPO sector in Krakow economy

1 out of every 10 employed in the private sector in Krakow works in the SSC/BPO sector (total population estimate is 16 000 employees*).

The survey has covered around 56% of employees working in the SSC/BPO sector.

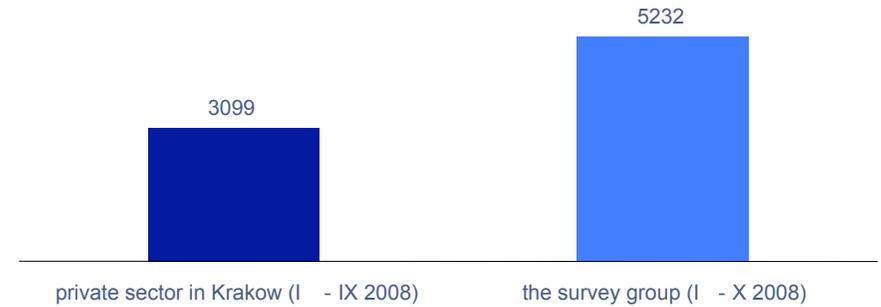
The average person working in the surveyed group earns almost 70% more than the average person employed in the private sector in Krakow.

65% of overall modern office space is in use by the BPO/SSC sector.

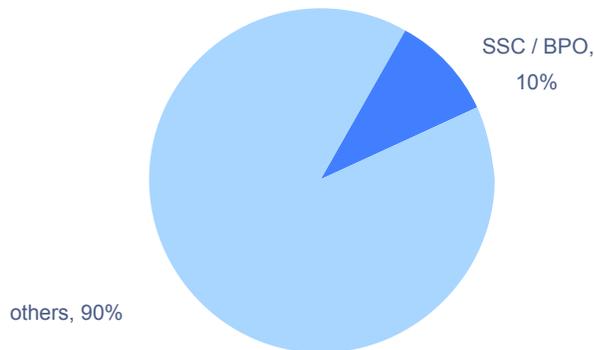
** predicted by end of 2009*

Source for data about Krakow: Statistical bulletin of the city of Krakow. 3rd quarter of 2008 edition

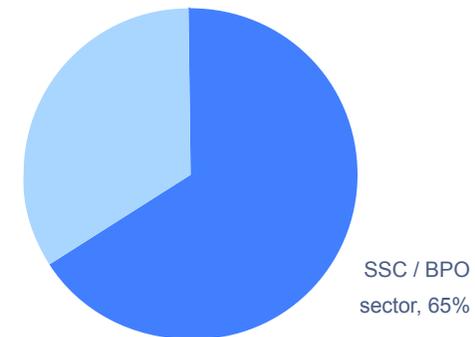
Monthly gross salary (PLN)



SSC / BPO employees as proportion of private sector in Krakow



Modern office space in Krakow



Section 1 - People

1.1 Headcount

1.2 Total FTE

1.3 Sickness leave

1.4 Average vacation days

1.5 Average training days

1.6 Total attrition rate

1.7 Management structure

1.8 Staff structure

1.9 Staff recruitment

1.10 Staff education

1.11 Staff living structure



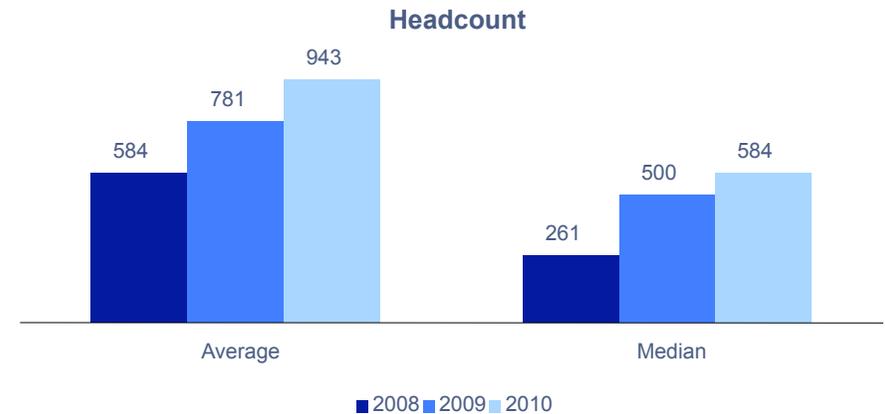
Section 1 - People

1.1 Headcount

The chart presents the average and the median within the total researched group in regards to the total headcount. In 2008 the average is 584, while in 2009 is expected to be 781 and in 2010 is expected to be 943.

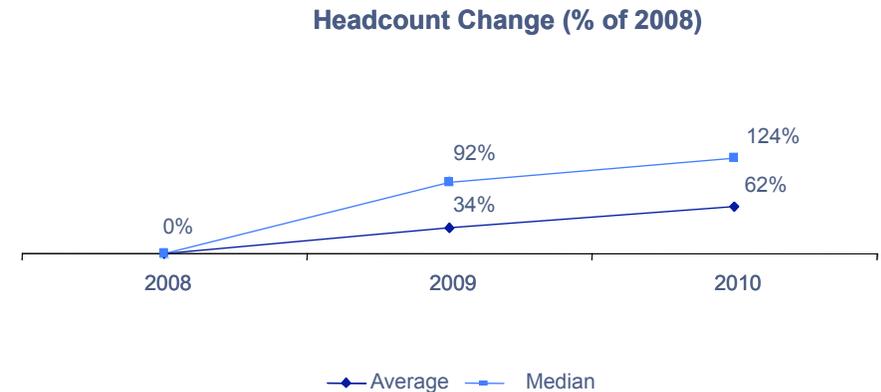
Population: 11*

Population in 2008: 12



The average total headcount is going to increase within 2 years by 62% within the researched group, while median is going to increase by 124%.

Population: 11



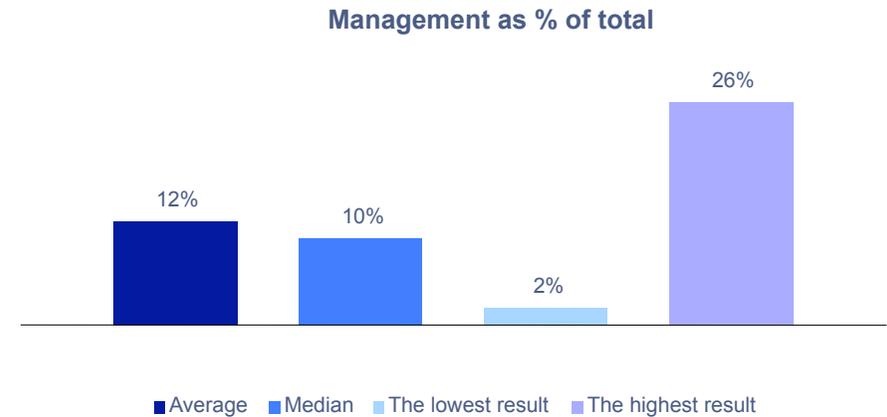
* - Group of respondents

Section 1 - People

1.2 Total FTE

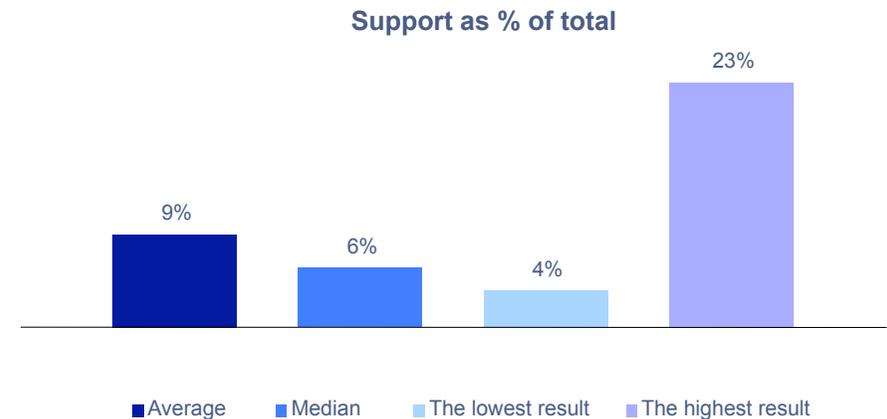
The chart presents the management percentage of total headcount within the researched group split by average, median, the lowest result and the highest result.

Population: 12



The chart presents the support percentage of total headcount within the researched group split by average, median, the lowest result and the highest result.

Population: 12

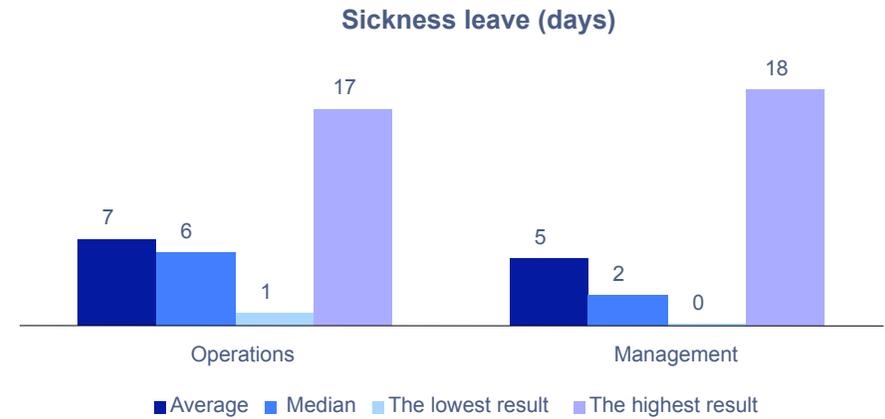


Section 1 - People

1.3 a) Sickness leave

The chart presents the amount of days per person spent on sickness leave within the researched period split by operations and management. Both, operations and managements present average, median, the lowest result and the highest result.

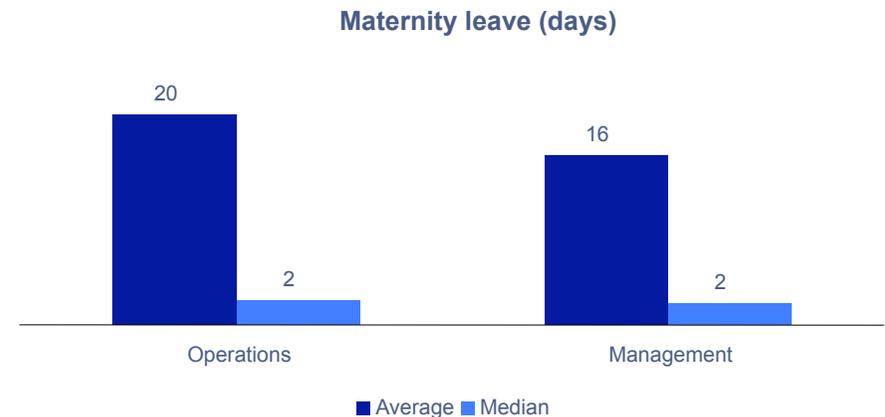
Population: 12



1.3 b) Maternity leave

The chart presents the amount of days per person spent on maternity leave within the researched period split by operations and management. Both, operations and managements present Average and median.

Population: 9

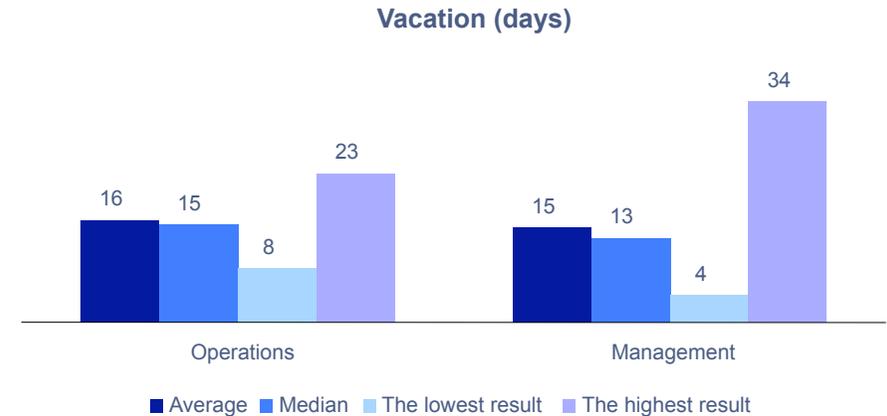


Section 1 - People

1.4 Average vacation days taken

The chart presents the number of vacation days taken per person within the researched period split by operations and management. Both, operations and managements present average, median, the lowest result and the highest result.

Population: 11



1.5 Average days spent on training

The chart presents the number of days spent on training per person within the researched period split by operations and management. Both, operations and managements present average, median, the lowest result and the highest result.

Population: 10

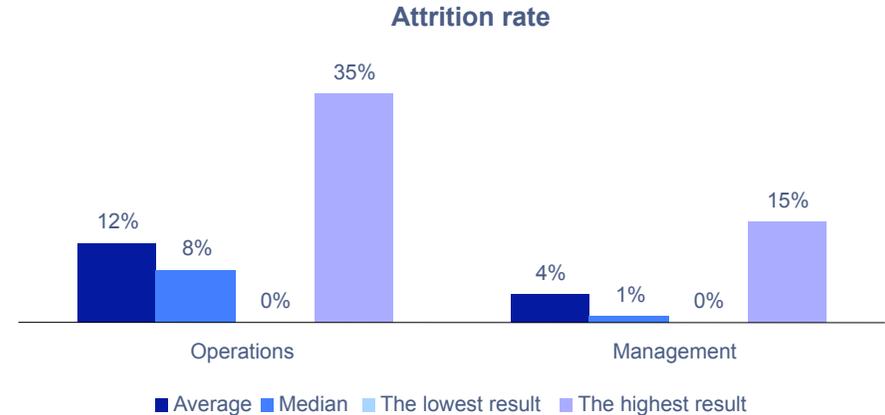


Section 1 - People

1.6 Total attrition rate

The chart presents percentage of attrition rate within the researched group split by operations and management. Both operations and management present average, median the lowest result and the highest.

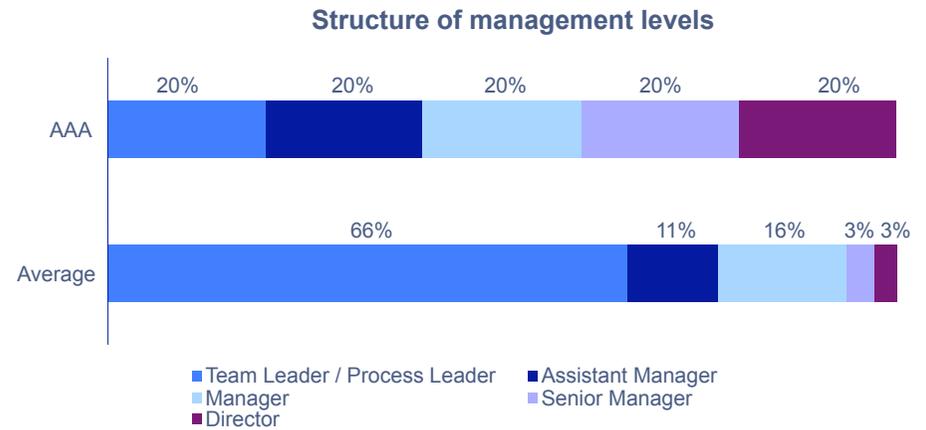
Population: 11



1.7 Number of managers on relevant management level

The chart presents average structure of management levels in the researched group.

Population: 12



Section 1 - People

1.8 Staff structure

Male/Female

The chart presents the average percentage of male staff in compare to the median in the researched group.

Population: 12

Average age

The chart presents the average staff age in compare to the median in the researched group.

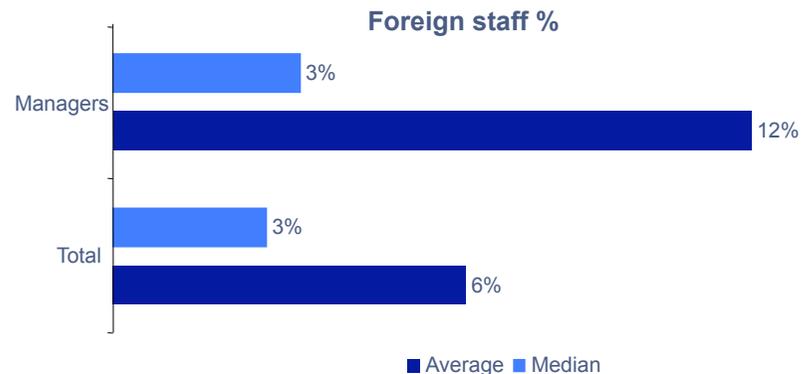
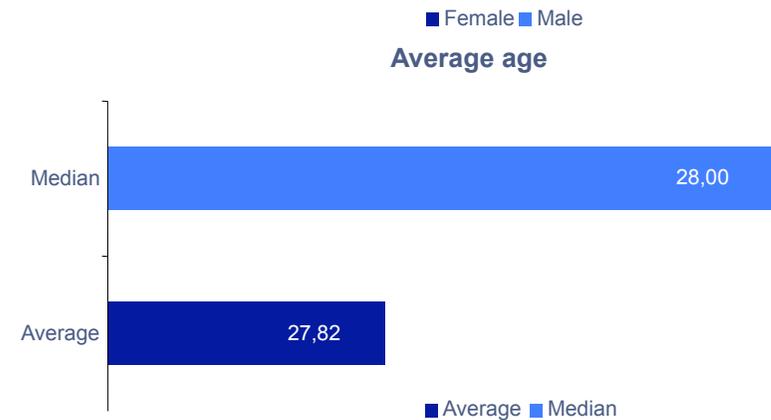
This result gives a ranking of Y within the researched group

Population: 11

Foreign staff

The chart presents the average percentage of foreign staff split by total headcount and management in compare to median in the researched group.

Population: 12

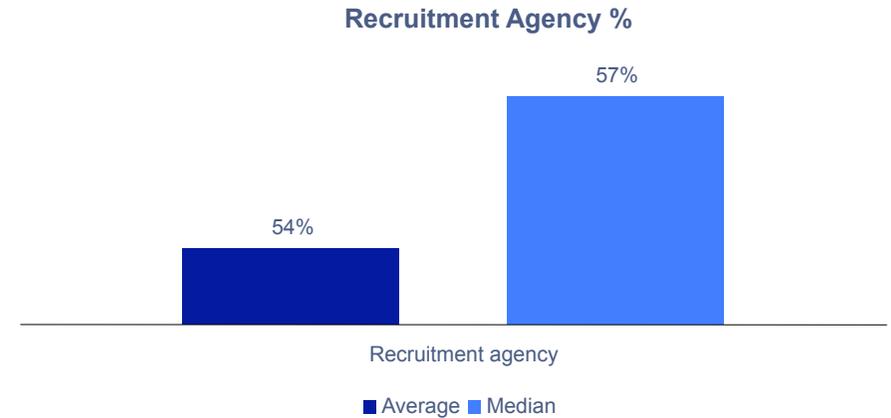


Section 1 - People

1.9 Staff recruitment

The chart presents the average percentage of staff recruited by a recruitment agency in compare to median in the researched group.

Population: 12

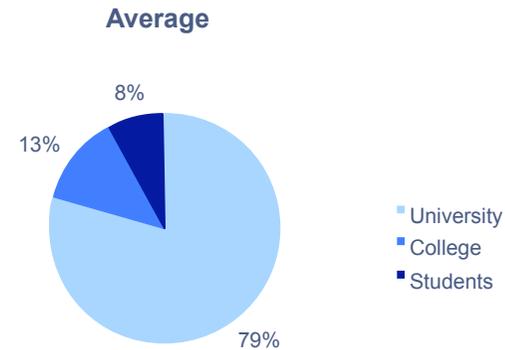


Section 1 - People

1.10 Staff education

The chart presents the average structure of educational background split by university degree, college degree and students in the researched group.

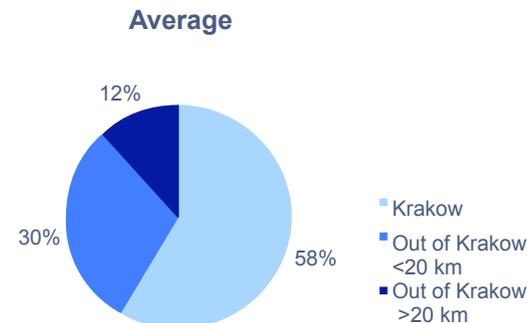
Population: 11



1.11 Staff living structure

The chart presents the average staff living structure in the researched group, split by: staff living in Krakow, staff living out of Krakow <20km and staff living out of Krakow >20km.

Population: 10



Section 2 – Cost Summary

- 2.1A Cost F&A Services
- 2.1B Cost HR Services
- 2.1C Cost IT Services
- 2.2 – 2.4 Financials



Section 2 – Cost Summary

2.1A Cost F&A Services

Personnel cost; Gross salary

The table presents the average gross salary cost per grade in compare to the median in the researched group.

All values in cost section are presented in PLN '000 for Jan-Oct 2008

Level	Population	Average	Median
Junior Associate / Accountant	5	32,9	32,9
Associate / Accountant	6	42,1	40,6
Senior Associate / Accountant	5	52,8	43,4
Specialist	6	61,7	55,7
Senior Specialist	3	89,1	75,8
Blended Operational Staff	7	49	49,9
Team Leader	6	100,0	95,2
Assistant Manager	2	133,8	133,8
Manager	5	195,7	270,5
Senior Manager	5	189,8	245,6
Director	3	337,6	335,5
Blended Management	6	164,9	154,5
Total Blended Costs	6	76,2	61,8

*Note:
Population in cost section is limited due to the lack of information.*

Section 2 – Cost Summary

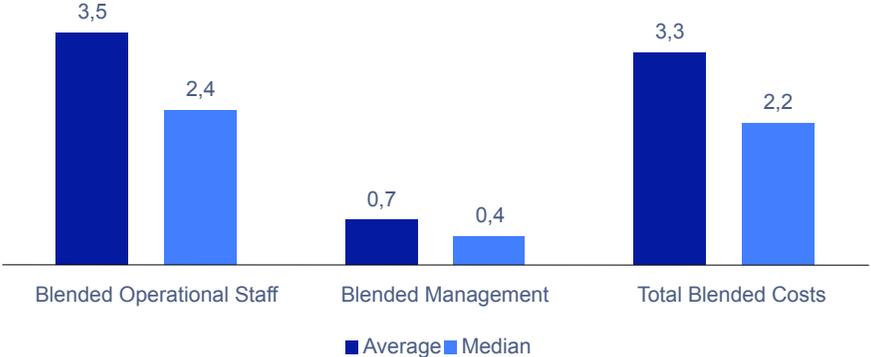
2.1A Cost F&A Services

Personnel cost; Overtime

The table presents the average overtime cost per grade in compare to the median in the researched group.

Level	Population	Average	Median
Junior Associate / Accountant	5	1,7	1,3
Associate / Accountant	6	2,0	1,8
Senior Associate / Accountant	5	2,6	2,2
Specialist	6	3,2	2,6
Blended Operational Staff	6	3,5	2,4
Team Leader	6	1,8	1,5
Blended Management	6	0,7	0,4
Total Blended Costs	6	3,3	2,2

Overtime (PLN '000 Jan-Oct 08)



Section 2 – Cost Summary

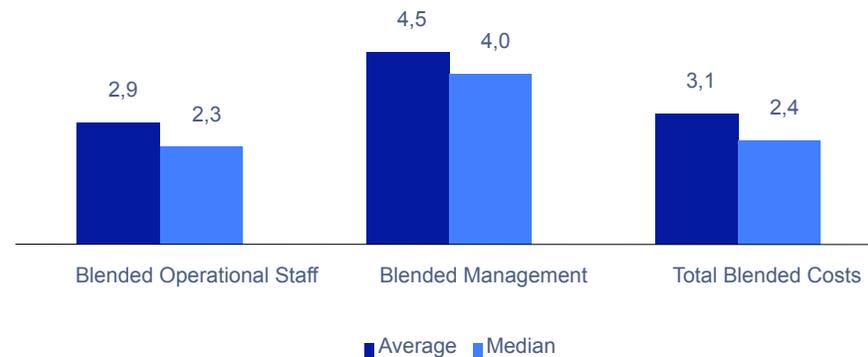
2.1A Cost F&A Services

Personnel cost; Training costs

The table presents the average training cost per grade in compare to the median in the researched group.

Level	Population	Average	Median
Junior Associate / Accountant	4	1,9	1,7
Associate / Accountant	6	2,1	1,8
Senior Associate / Accountant	5	3,2	2,2
Specialist	6	3,0	2,4
Senior Specialist	3	4,6	3,4
Blended Operational Staff	5	2,9	2,3
Team Leader	6	3,6	2,7
Assistant Manager	2	2,4	2,4
Manager	6	4,5	3,6
Senior Manager	5	2,6	1,5
Director	3	4,1	5,2
Blended Management	5	4,5	4,0
Total Blended Costs	5	3,1	2,4

Training costs (PLN '000 Jan-Oct 08)



Section 2 – Cost Summary

2.1A Cost F&A Services

Personnel cost; Bonuses

The table presents the average bonus cost per grade in compare to the median in the researched group.

Level	Population	Average	Median
Junior Associate / Accountant	4	1,9	1,6
Associate / Accountant	6	2,7	2,8
Senior Associate / Accountant	6	3,3	3,7
Specialist	6	4,5	4,3
Senior Specialist	3	8,4	8,3
Blended Operational Staff	7	3,5	3,4
Team Leader	6	8,8	9,7
Assistant Manager	2	9,8	9,8
Manager	5	26,6	24,7
Senior Manager	5	34,7	29,5
Director	3	58,9	60,7
Blended Management	6	20,0	21,3
Total Blended Costs	7	6,2	5,5

Bonuses (PLN '000 Jan-Oct 08)



Section 2 – Cost Summary

2.1A Cost F&A Services

Personnel cost; Other employee costs

The table presents the average of other employee costs per grade in compare to the median in the researched group.

Level	Population	Average	Median
Junior Associate / Accountant	4	0,84	0,88
Associate / Accountant	6	0,98	0,97
Senior Associate / Accountant	5	1,06	1,00
Specialist	6	0,98	0,97
Senior Specialist	3	1,18	1,00
Blended Operational Staff	5	1,06	1,00
Team Leader	6	1,15	0,98
Assistant Manager	2	1,1	1,1
Manager	6	1,15	0,97
Senior Manager	4	1,02	0,97
Director	3	1,16	1,00
Blended Management	5	1,26	1,00
Total Blended Costs	5	1,09	1,00

Other Employee Costs (PLN '000 Jan-Oct 08)



Section 2 – Cost Summary

2.1A Cost F&A Services

Personnel cost; Medical cover

The table presents the average medical cover cost per grade in compare to the median in the researched group.

Level	Population	Average	Median
Junior Associate / Accountant	4	2,81	1,44
Associate / Accountant	6	1,09	0,92
Senior Associate / Accountant	5	0,95	0,84
Specialist	6	1,11	0,92
Senior Specialist	3	1,05	1,00
Blended Operational Staff	6	2,03	0,92
Team Leader	6	1,29	1,07
Assistant Manager	2	1,4	1,4
Manager	5	1,32	1,30
Senior Manager	4	1,23	1,07
Director	3	0,99	0,84
Blended Management	5	1,14	0,84
Total Blended Costs	6	2,05	0,99

Medical cover (PLN '000 Jan-Oct 08)



Section 2 – Cost Summary

2.1A Cost F&A Services

Personnel cost; Life insurance

The table presents the average life insurance cost per grade in compare to the median in the researched group.

Level	Population	Average	Median
Junior Associate / Accountant	1	0,3	0,3
Associate / Accountant	3	0,33	0,36
Senior Associate / Accountant	3	0,40	0,36
Specialist	3	0,43	0,36
Senior Specialist	2	0,6	0,6
Blended Operational Staff	3	0,38	0,36
Team Leader	4	0,93	0,68
Assistant Manager	1	0,4	0,4
Manager	3	1,22	1,29
Senior Manager	2	1,0	1,0
Director	2	1,3	1,3
Blended Management	4	1,05	0,92
Total Blended Costs	4	0,41	0,32

Life insurance (PLN '000 Jan-Oct 08)



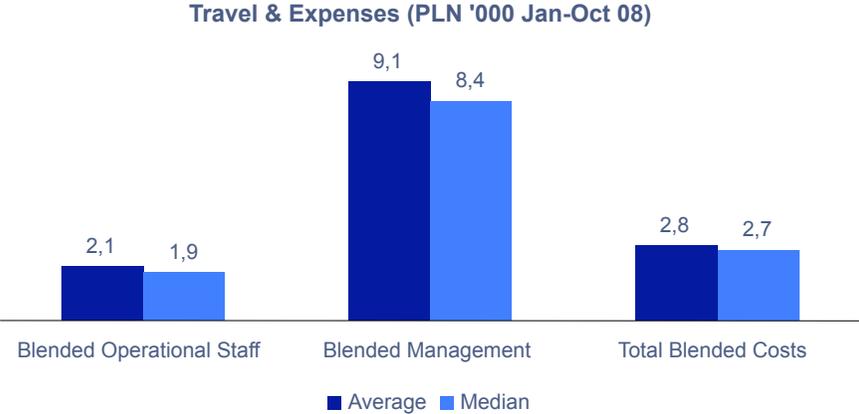
Section 2 – Cost Summary

2.1A Cost F&A Services

Personnel cost; Travel & Entertainment

The chart presents the average Travel & Entertainment cost split by blended operational staff, blended management and total blended costs in compare to the median in the researched group.

Population: 4

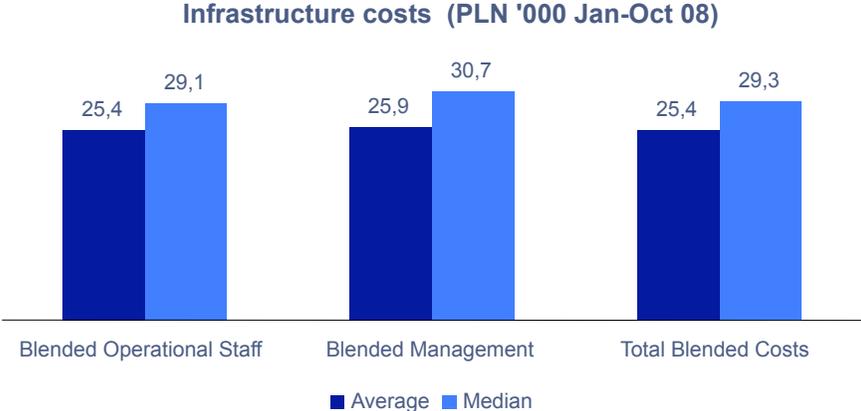


Section 2 – Cost Summary

2.1A Cost F&A Services

Infrastructure costs

The chart presents the average of total infrastructure costs split by: blended operational staff, blended management and total blended cost in compare to the median in the researched group.
Population: 6



Office costs

The chart presents the average of total office costs (Cost of office space lease and cost of other office costs per person [e.g. water supply, electricity, A/C, supplies]) split by: blended operational staff, blended management and total blended cost in compare to the median in the researched group.
Population: 6



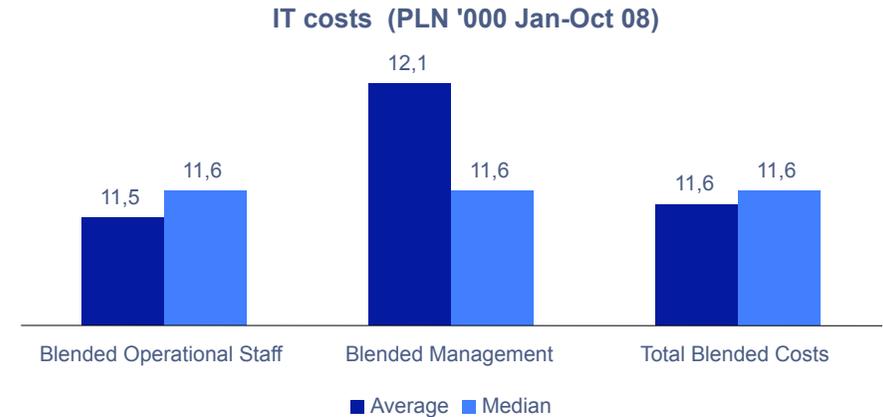
Section 2 – Cost Summary

2.1A Cost F&A Services

IT costs

The chart presents the average of IT costs (IT infrastructure charge [software, hardware], Telecommunication and Connectivity) split by: blended operational staff, blended management and total blended costs in compare to the median in the researched group.

Population: 5



Management costs

The chart presents the average of management costs (IT infrastructure charge [software, hardware], Telecommunication and Connectivity) split by: blended operational staff, blended management and total blended costs in compare to the median in the researched group.

Population: 3 in operational and 4 in management and total blended.



Section 2 – Cost Summary

2.1A Cost F&A Services

Total cost per head

The chart presents the average of total cost per head split by: blended operational staff, blended management and total blended costs in compare to the median in the researched group.

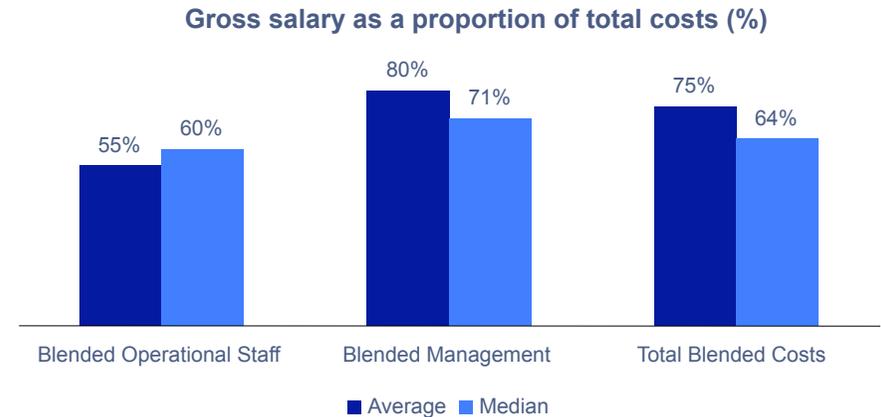
Population: 6



Gross salary as a proportion of total cost per head

The chart presents the average gross salary as a proportion of total costs per head split by: blended operational staff, blended management and total blended costs in compare to the median in the researched group.

Population: 6



Section 2 – Cost Summary

2.1B Cost HR Services

Personnel cost; Gross salary

The table presents the average gross salary cost per grade in compare to the median in the researched group.

All values in cost section are presented in PLN '000 for Jan-Oct 2008

Level	Population	Average	Median
Junior Associate / Accountant	2	30,43	30,43
Associate / Accountant	3	44,5	46,2
Senior Associate / Accountant	2	51,78	51,78
Specialist	2	62,72	62,72
Senior Specialist	3	80,2	82,2
Blended Operational Staff	3	54,0	46,5
Team Leader	3	83,1	75,8
Assistant Manager	2	115,56	115,56
Manager	2	173,03	182,33
Blended Management	3	115,8	102,6
Total Blended Costs	3	64,0	53,4

Note:

Population in cost section is limited due to the lack of information.

Section 2 – Cost Summary

2.1B Cost HR Services

Personnel cost; Bonuses

The table presents the average bonus cost per grade in compare to the median in the researched group.

Level	Population	Average	Median
Junior Associate / Accountant	2	1,54	1,54
Associate / Accountant	3	2,94	3,09
Senior Associate / Accountant	2	4,36	4,36
Specialist	2	5,29	5,29
Senior Specialist	3	6,35	6,57
Blended Operational Staff	3	4,29	4,29
Team Leader	3	6,72	8,34
Assistant Manager	2	8,88	8,88
Manager	3	20,79	20,16
Blended Management	3	11,92	7,03
Total Blended Costs	3	5,53	5,46

Bonus (PLN '000 Jan-Oct 08)



Section 2 – Cost Summary

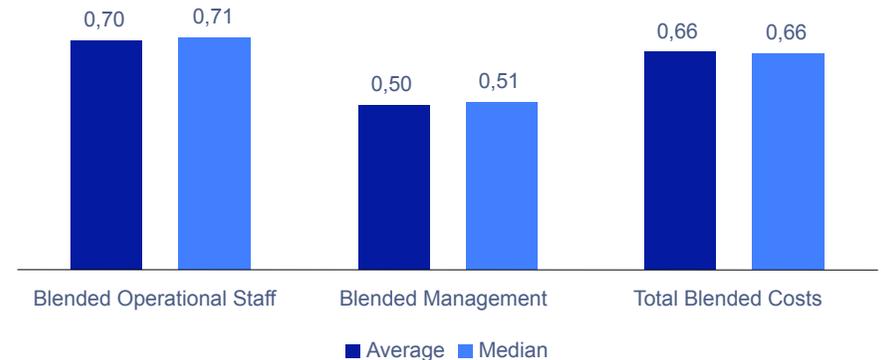
2.1B Cost HR Services

Personnel cost; Medical cover

The table presents the average medical cover cost per grade in compare to the median in the researched group.

Level	Population	Average	Median
Junior Associate / Accountant	2	0,44	0,44
Associate / Accountant	3	0,58	0,71
Senior Associate / Accountant	2	0,77	0,77
Specialist	2	0,77	0,77
Senior Specialist	3	0,60	0,71
Blended Operational Staff	3	0,70	0,71
Team Leader	3	0,54	0,63
Assistant Manager	2	0,55	0,55
Manager	3	0,52	0,53
Blended Management	3	0,50	0,51
Total Blended Costs	3	0,66	0,66

Medical Cover (PLN '000 Jan-Oct 08)



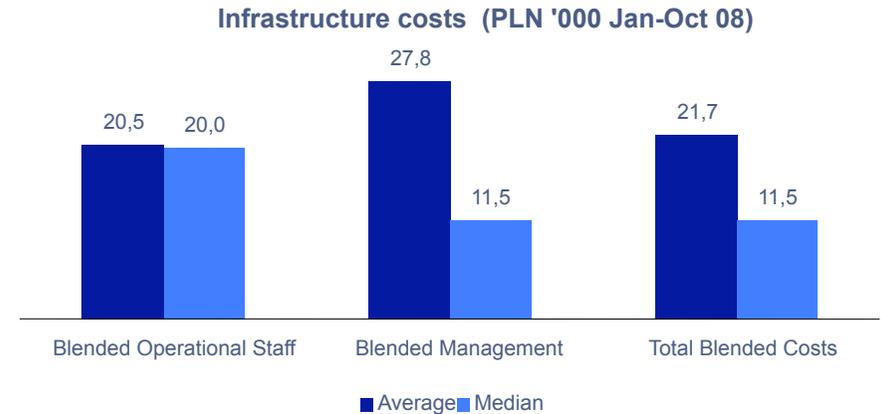
Section 2 – Cost Summary

2.1B Cost HR Services

Infrastructure costs

The chart presents the average of total infrastructure costs split by: blended operational staff, blended management and total blended cost in compare to the median in the researched group.

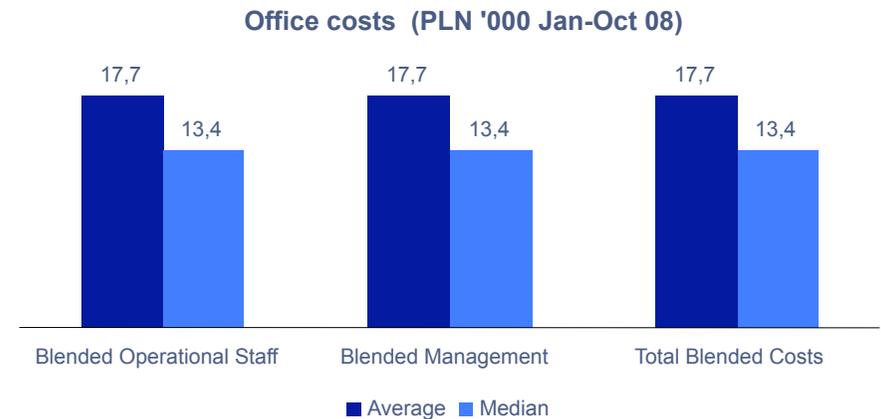
Population: 3



Office costs

The chart presents the average of total office costs (Cost of office space lease and cost of other office costs per person [e.g. water supply, electricity, A/C, supplies]) split by: blended operational staff, blended management and total blended cost in compare to the median in the researched group.

Population: 3



Section 2 – Cost Summary

2.1A Cost HR Services

Total cost per head

The chart presents the average of total cost per head split by: blended operational staff, blended management and total blended costs in compare to the median in the researched group.

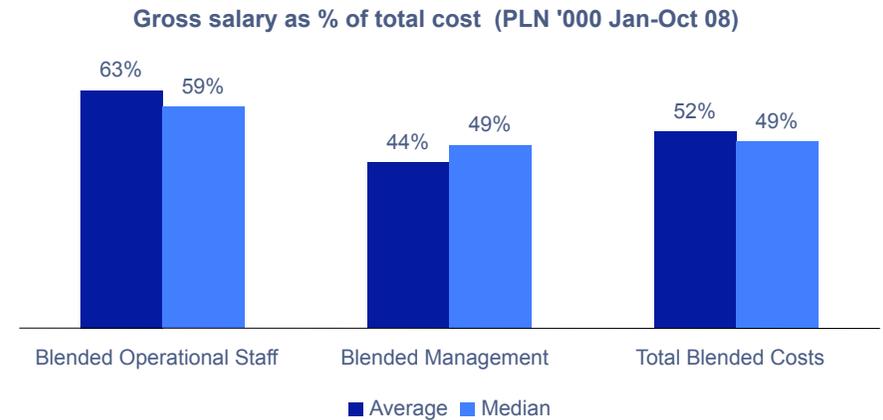
Population: 3



Gross salary as a proportion of total cost per head

The chart presents the average gross salary as a proportion of total costs per head split by: blended operational staff, blended management and total blended costs in compare to the median in the researched group.

Population: 3



Section 2 – Cost Summary

2.1C Cost IT Services

Personnel cost; Gross salary

The table presents the average gross salary cost per grade in compare to the median in the researched group.

All values in cost section are presented in PLN '000 for Jan-Oct 2008

Level	Population	Average	Median
Junior Associate / Accountant	2	56,83	56,83
Senior Associate / Accountant	1	131,66	131,66
Specialist	3	87,2	105,6
Blended Operational Staff	3	91,4	101,0
Manager	1	130,08	130,08
Blended Management	1	75,31	75,31
Total Blended Costs	3	86,3	92,6

Note:
Population in cost section is limited due to the lack of Information.

Section 2 – Cost Summary

2.1C Cost IT Services

Personnel cost; Medical cover

The table presents the average medical cover cost per grade in compare to the median in the researched group.

Level	Population	Average	Median
Senior Associate / Accountant	1	0,8	0,8
Specialist	3	0,73	0,80
Blended Operational Staff	3	0,58	0,61
Manager	1	0,8	0,8
Blended Management	1	0,46	0,46
Total Blended Costs	3	0,54	0,56



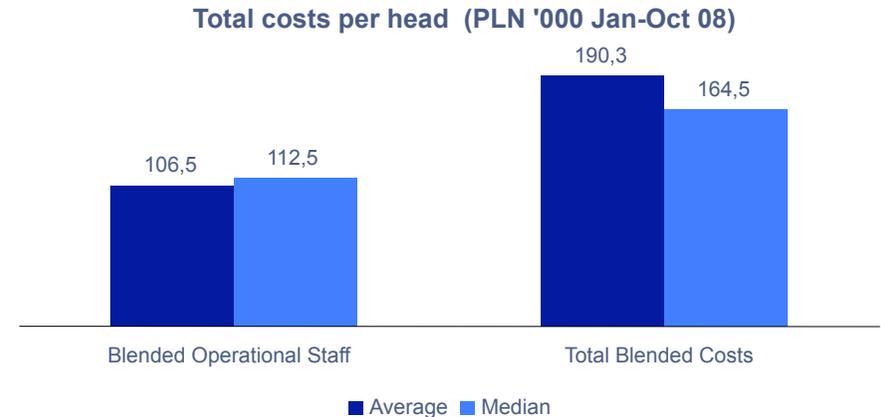
Section 2 – Cost Summary

2.1C Cost IT Services

Total cost per head

The chart presents the average of total cost per head split by: blended operational staff and total blended costs in compare to the median in the researched group.

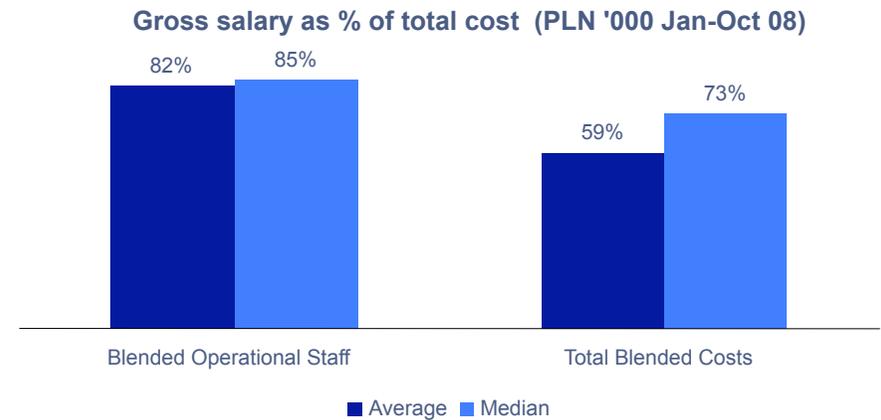
Population: 3



Gross salary as a proportion of total cost per head

The chart presents the average gross salary as a proportion of total costs per head split by: blended operational staff and total blended costs in compare to the median in the researched group.

Population: 3



Note: Blended management in not available in HR section due to lack of data.

Section 2 – Cost Summary

2.2 – 2.4 Financials

Most of the researched group use 'cost plus' billing scheme.

Most of the researched group use PLN currency in billing services.

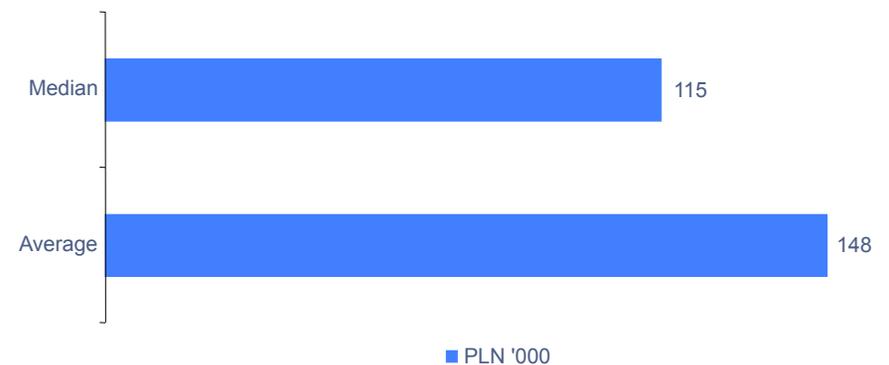
The chart presents the average of total running costs that are billed to clients in compare to median in the researched group.
Population: 7

The chart presents the average of total annual running cost per head in compare to median in the researched group.
Population: 7

Total annual running costs



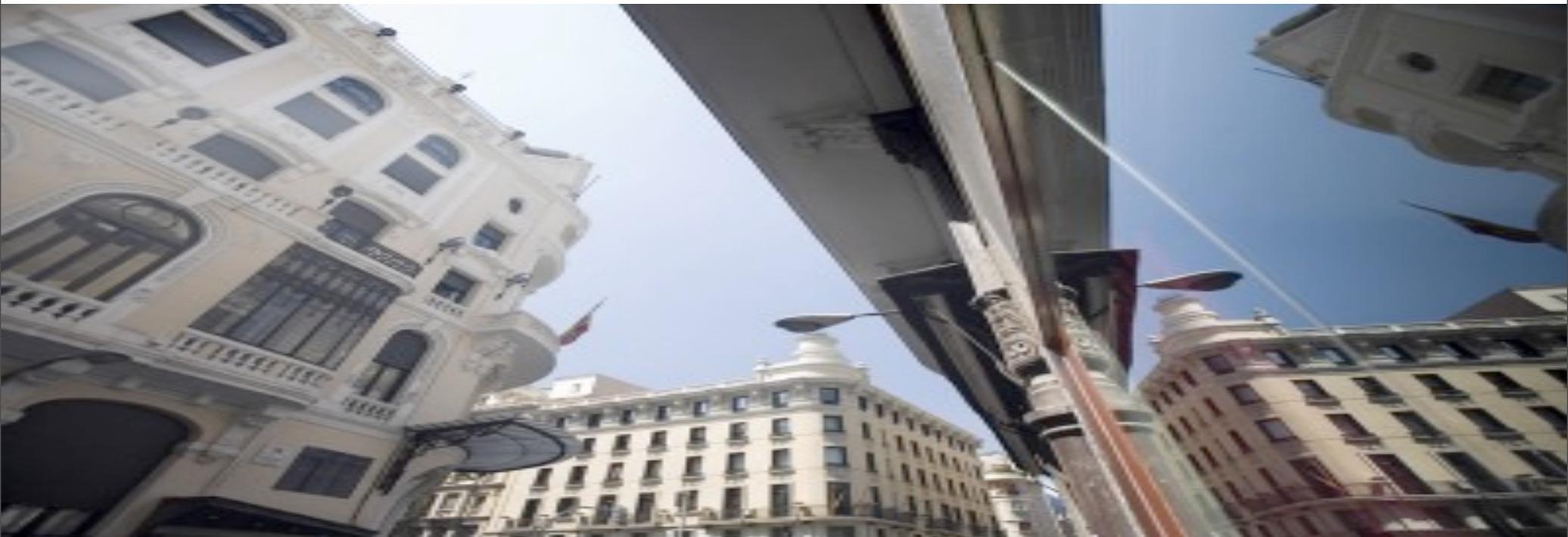
Total annual running costs per head



Section 3 – Location

3.1 - 3.5 Office location

3.6 - 3.7 Challenges



Section 3 – Location

3.1 – 3.5 Office location

Most of companies researched have got only one centre in Poland.

Researched group has been split by age into 4 groups:

- 0-2 year
- 3-5 years
- 6-10 years
- Over 10 years

Three researched company operates in Special Economic Zone (SSE).

All researched companies confirm they would select Krakow as location once again.

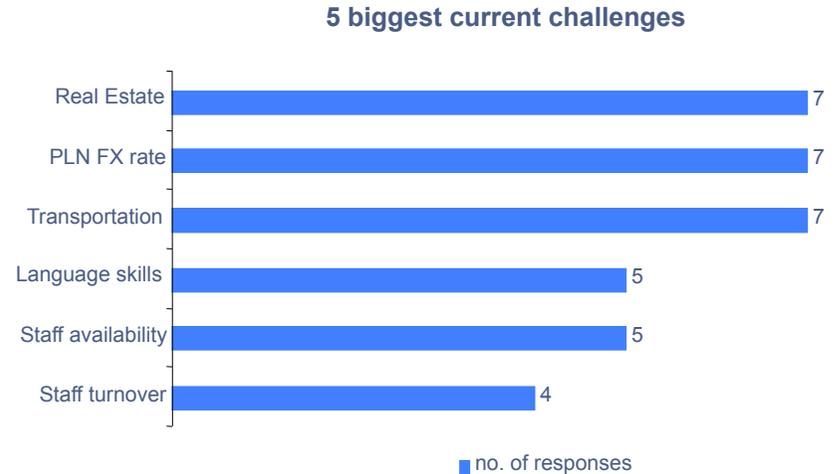
Population: 11



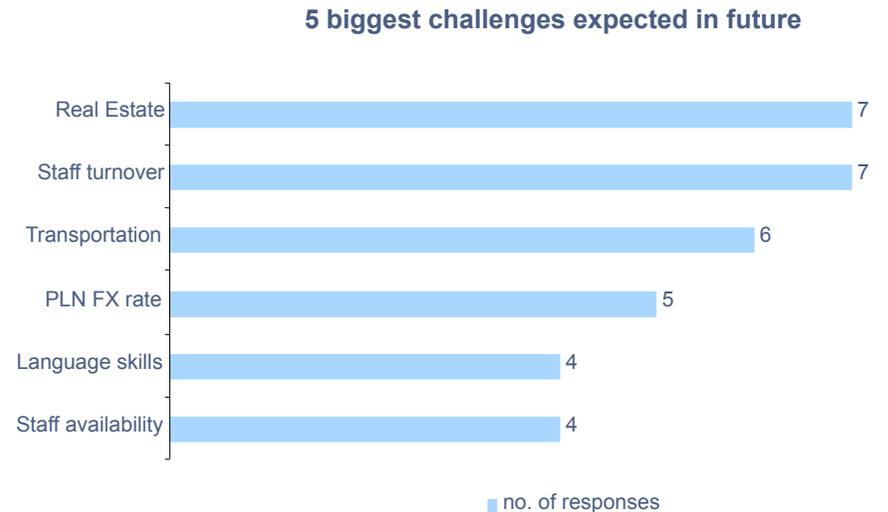
Section 3 – Location

3.6 – 3.7 Challenges

5 challenges pointed out most often by the researched group having the biggest impact currently.



5 challenges pointed out most often by the researched group that are expected to have the biggest impact in the future.



Section 4 – Other data

4.1 – 4.2 Scope

4.5 – 4.8 ERP platform and IT hardware

4.11 – 4.12 Languages



Section 4 – Other data

4.1 – 4.2 Scope

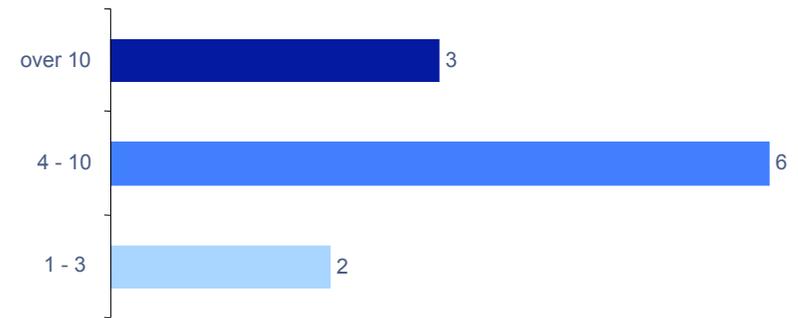
Number of centres providing service for many processes.

Number of centres providing service for many sectors.

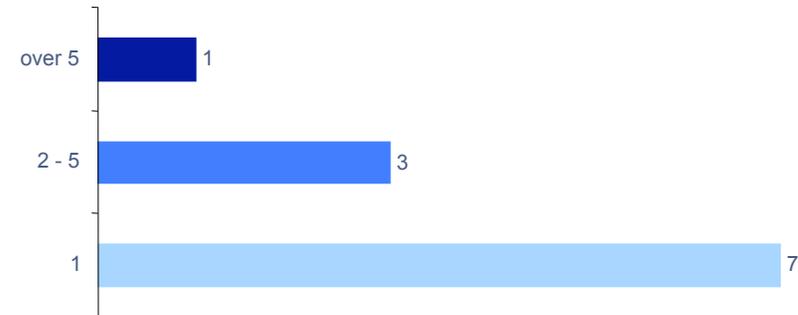
The SSC/BPO centres in the research population provide services in 20 different processes:

Accounting		
Accounts Payable	Accounts Receivable	General Accounting
Fund Accounting	Fixed Assets	Tax
HR		
HR data processing	RPO (Recruitment outsourcing)	Training Administration
Payroll	Pensions Administration/ Investment	Reward and Retain and Mobility
IT		
IT Development	IT Support / Helpdesk	Business Database Maintenance
Other		
Call Centre Activities	Customer Service	Procurement
Revenue Recognition	Knowledge Process Outsourcing (KPO)	

Number of centres providing many processes



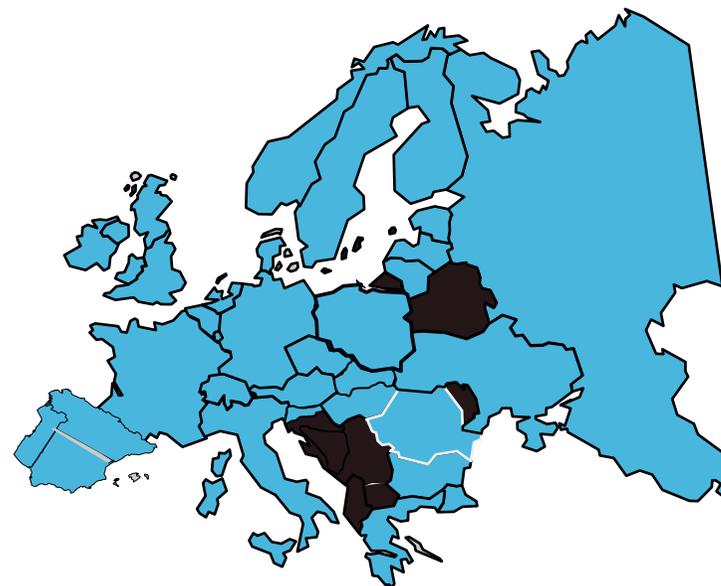
Number of centres providing for many sectors



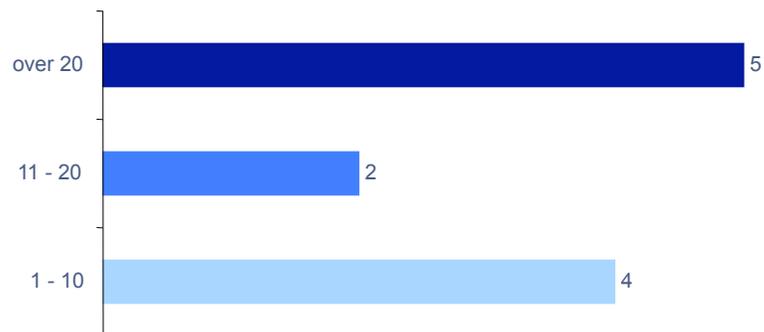
Section 4 – Other data

4.1 – 4.2 Scope (cont.)

The SSC/BPO centres in research group provide services for domestic and international clients present in 38 countries from 5 continents.



Number of centres providing for many countries



Non-European countries in scope

- Australia
- Canada
- Israel
- Kazakhstan
- South Africa
- Turkey
- United Arab Emirates
- United States

Section 4 – Other data

4.5 – 4.8 ERP platform and IT hardware

5 centres use a common ERP platform.

Population: 9

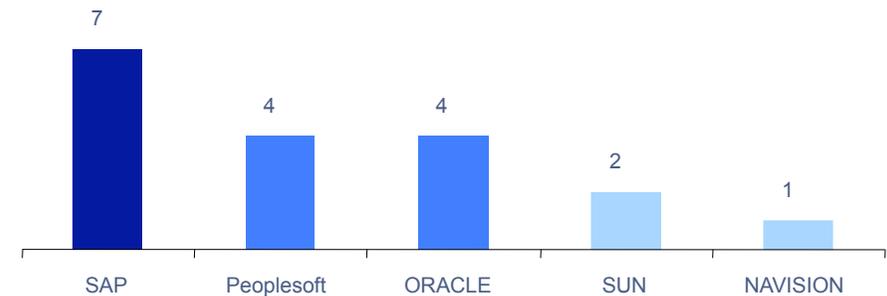
The most popular platform in use within researched group is SAP.

Population: 9

7 centres lease their PCs.

Population: 8

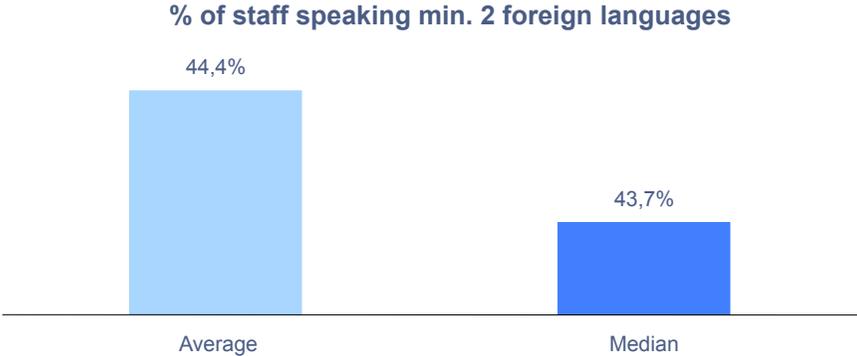
Number of centres using ERP platform



Section 4 – Other data

4.11 – 4.12 Languages

The chart presents the average percentage of staff speaking a minimum of 2 foreign languages, in compare to the median in the researched group
Population: 11



The chart presents the total number of staff speaking particular languages in the researched group.

Language	Total	AAA	AAA %
English	4788		
German	816		
French	473		
Russian	180		
Spanish	148		
Hungarian	52		
Italian	10		

Summary

People:

PEOPLE:	Population	Average	Median
Headcount	11	584	260,5
Headcount change	11	62%	124%
FTE: Management as % of total	12	12%	10%
FTE: Support as % of total	12	9%	6%
Days spent on:			
Sickness leave (operations)	12	7	6
Sickness leave (management)	12	5	2
Maternity leave (operations)	8	20	2
Maternity leave (management)	7	16	2
Vacation (operation)	11	16	-
Vacation (management)	11	15	-
Trainings (operations)	10	5,8	-
Trainings (management)	10	5,7	-
Attrition rate (operations)	11	12%	8%
Attrition rate (management)	11	4%	1%
Staff structure:			
Female	12	66%	66%
Male	12	34%	34%
Average age	11	27,82	28,00
Foreign Manager staff %	12	12%	3%
Foreign total staff %	12	6%	3%
Recruitment agency %	12	54%	57%
Staff with university grade	11	81%	85%
Staff living in Krakow	10	58%	70%
Staff living within 30 minutes journey to the office	10	30%	18%
% of staff speaking min. 2 foreign languages	11	44%	44%

Summary

Costs F&A:

COSTS:	Population	Average	Median
Data by total blended costs:			
Gross salary	6	76,2	61,8
Training cost	5	3,1	2,4
Bonuses	7	6,2	5,5
Other employee costs	5	1,09	1,00
Medical cover	6	2,05	0,99
Life insurance	4	0,41	0,32
Travel & Entertainment	4	2,8	2,7
Infrastructure	6	25,4	29,3
Office	6	14,4	11,6
IT cost	5	11,6	11,6
Management costs	4	8,9	10,7
Total cost per head	6	101,4	96,9
Gross salary as a proportion of total cost per head	6	75%	64%
Total annual running costs	7	59,959	32,172
Total annual running costs per head	7	148	115

Summary

Costs HR:

COSTS:	Population	Average	Median
Data by total blended costs:			
Gross salary	3	64,0	53,4
Bonuses	3	5,5	5,5
Medical cover	3	0,66	0,66
Infrastructure	3	21,7	11,5
Office	3	17,7	13,4
Total cost per head	3	123,2	108,0
Gross salary as a proportion of total cost per head	3	52%	49%

Summary

Costs IT:

COSTS:	Population	Average	Median
Data by total blended costs:			
Gross salary	3	86,3	92,6
Medical cover	3	0,54	0,56
Total cost per head	3	190,3	164,5
Gross salary as a proportion of total cost per head	3	59%	73%

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