AGILE – SCRUM survey 2012

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Section 1 : Company Information

1. Please provide the name of your company/organization (optional):

Answer Options	Response Count
	139
answered question	139
skipped question	196

2. Is your organization involved in software development as its primary business activity?

Answer Options	Response Percent	Response Count
Yes	71,7%	236
No	28,3%	93
answered question		329
skipped question		6

3. How many people are employed at your organization?

Answer Options	Response Percent	Response Count
1 - 10	19,7%	65
11 - 100	24,2%	80
101 - 1000	25,5%	84

Over 1000	30,6%	101
answered question		330
skipped question		5

4. Where are you based?

Answer Options	Response Count
	313
answered question	313
skipped question	22

5. When it comes to adopting new technologies and methods, your company :

Answer Options	Response Percent	Response Count
Is happy to adopt the technology	62,4%	204
Only follows when technology proven	30,3%	99
Follows a more traditional approach	7,3%	24
answered question		327
skipped question		8

Section 2 : Agile Methodologies related information

6. Which Heavy methodology do you mostly use?

Answer Options	Response Percent	Response Count
Waterfall	36,5%	81
Spiral	14,4%	32

	Response Percent	Response Count
Unified Process	12,2%	27
Other (please specify)	36,9%	82
answered question		222
skipped question		113

7. Which Agile Methodology do you mostly use?

Answer Options	Response Percent	Response Count
Scrum	76,9%	180
Extreme Programming (XP)	6,4%	15
Dynamic Systems Development Method DSDM	1,3%	3
Feature Driven Development (FDD)	3,8%	9
Crystal Clear	0,4%	1
Open Unified Process (OpenUP)	0,4%	1
Other (please specify)	10,7%	25
answered question		234
skipped question		101

8. Usage of Scrum by the organization can be described as:

Answer Options	Response Percent	Response Count
We have never used Scrum before	5,2%	12
We are currently piloting Scrum	9,5%	22
We have piloted Scrum but no decision about adoption has been made	10,8%	25
We are currently deploying Scrum across the organization	14,7%	34
Scrum is one of the standard methods we use	27,3%	63
Scrum is the normal way we build software	32,5%	75

answered question	231
skipped question	104

9. Given the total amount of development work within your organization what percent is currently being done by Scrum?

Answer Options	Response Percent	Response Count
Not at all	7,4%	17
Less than 5%	8,2%	19
5-10%	11,3%	26
Up to 25%	12,1%	28
About 50%	13,4%	31
Up to 75%	10,4%	24
More than 75%	22,1%	51
100%	15,2%	35
answered question		231
skipped question		104

10. If you have ever been a Scrum Master, do you think that this role was helpful and had a significant contribution towards the project?

Answer Options	Response Percent	Response Count
Yes	73,7%	157
No	2,8%	6
Helpful to some extent	19,2%	41
I believe it's unnecessary	4,2%	9
answered question		213
skipped question		122

11. How satisfied are you with Scrum?

Answer Options	Response Percent	Response Count
Very pleased with Scrum	38,0%	87
Scrum exceeds my expectations	10,9%	25
Scrum is adequate for my needs	38,0%	87
Disappointing outcome	3,1%	7
Not at all pleased with Scrum	3,9%	9
I don't know yet	2,6%	6
Not applicable	3,5%	8
	answered question	229
	skipped question	106

12. How long have you been using Agile methods?

Answer Options	Response Percent	Response Count
Less than 1 year	6,6%	15
1-2 years	24,0%	55
3-4 years	30,6%	70
5-10 years	27,1%	62
Over 10 years	11,8%	27
	answered question	229
	skipped question	106

13. What is the largest team size your organization has attempted for Agile projects?

Answer Options	Response Percent	Response Count
1-5 people	14,3%	33

	Response Percent	Response Count
6-10 people	35,2%	81
11-20 people	25,2%	58
21-50 people	12,2%	28
51-100 people	7,0%	16
101+ people	6,1%	14
answered question		230
skipped question		105

14. On your most recent Agile project, how long are the iterations?

Answer Options	Response Percent	Response Count
Less than one week	3,9%	9
1 week	10,4%	24
2 weeks	48,1%	111
3 weeks	21,6%	50
4 weeks	12,1%	28
5 to 6 weeks	3,5%	8
More than 6 weeks	0,4%	1
answered question		231
skipped question		104

15. What is the largest team size with which your organization has been successful with Agile approaches?

Answer Options	Response Percent	Response Count
1-5 people	15,3%	35
6-10 people	45,4%	104
11-20 people	22,7%	52

	Response Percent	Response Count
21-50 people	9,6%	22
51-100 people	3,1%	7
101+ people	3,9%	9
answered question		229
skipped question		106

16. How many Agile projects has your organization run?

Answer Options	Response Percent	Response Count
1-5	40,1%	91
6-10	19,4%	44
11-20	14,5%	33
21-50	10,1%	23
51+	15,4%	35
answered question		227
skipped question		108

17. Which of the listed aspects of Agile Methodologies most appeal to you compared with Heavyweight Methodologies?

Answer Options	Response Percent	Response Count
People oriented versus Processes oriented	22,6%	51
Working code versus Documentation	21,2%	48
Customer Relationship versus Contract Negotiation	10,6%	24
Respond to change versus following a plan	45,6%	103
answered question		226
skipped question		109

18. Which aspect of Agile methodologies, do you dislike the most?

Answer Options	Response Percent	Response Count
Low Documentation	35,2%	70
Low planning	16,6%	33
Less Management Control	10,1%	20
Lack of Project Structure	38,2%	76
answered question		199
skipped question		136

19. What is the overall success rate for all of your Agile projects?

Answer Options	Response Percent	Response Count
91-100%	28,3%	65
81-90%	25,7%	59
71-80%	19,6%	45
61-70%	6,5%	15
51-60%	3,5%	8
41-50%	0,9%	2
31-40%	0,9%	2
21-30%	0,4%	1
11-20%	0,4%	1
10% or less	0,0%	0
Don't Know	13,9%	32
answered question		230
skipped question		105

20. What is the success rate for co-located Agile teams? (Co-location means that everyone is in the same room)

Answer Options	Response Percent	Response Count
91-100%	32,3%	74
81-90%	21,8%	50
71-80%	11,8%	27
61-70%	3,9%	9
51-60%	3,1%	7
41-50%	0,4%	1
31-40%	0,0%	0
21-30%	0,4%	1
11-20%	0,9%	2
10% or less	0,0%	0
Not Applicable	14,8%	34
Don't Know	10,5%	24
answered question		229
skipped question		106

21. What is the success rate for Agile teams that are not co-located? (Not co-located means that some team members are in different cubicals/offices, on different floors, or in different buildings, but could still get together easily if required)

Answer Options	Response Percent	Response Count
91-100%	16,4%	37
81-90%	15,9%	36
71-80%	8,8%	20
61-70%	10,2%	23
51-60%	5,3%	12
41-50%	3,1%	7

	Response Percent	Response Count
31-40%	2,7%	6
21-30%	1,3%	3
11-20%	0,9%	2
10% or less	1,3%	3
Not Applicable	18,1%	41
Don't Know	15,9%	36
answered question		226
skipped question		109

22. What is the success rate for Agile teams with an offshoring/outsourcing element? (Some team members are at a different location which would require significant travel to get to)

Answer Options	Response Percent	Response Count
91-100%	8,7%	20
81-90%	12,6%	29
71-80%	8,3%	19
61-70%	9,6%	22
51-60%	6,5%	15
41-50%	2,2%	5
31-40%	4,3%	10
21-30%	3,9%	9
11-20%	2,6%	6
10% or less	1,7%	4
Not Applicable	25,7%	59
Don't Know	13,9%	32
answered question		230
skipped question		105

23. How have Agile approaches affected your productivity compares with Heavyweight Methodologies?

Answer Options	Response Percent	Response Count
Much higher	43,9%	100
Somewhat higher	39,5%	90
No change	5,7%	13
Somewhat lower	2,6%	6
Much lower	1,3%	3
Don't know	7,0%	16
	answered question	228
	skipped question	107

24. How have Agile approaches affected the quality of the systems produced compares with Heavyweight Methodologies?

Answer Options	Response Percent	Response Count
Much higher	39,7%	91
Somewhat higher	38,9%	89
No change	10,9%	25
Somewhat lower	2,6%	6
Much lower	0,4%	1
Don't know	7,4%	17
	answered question	229
	skipped question	106

25. How have Agile approaches affected the cost of development compares with Heavyweight Methodologies?

Answer Options	Response Percent	Response Count

	Response Percent	Response Count
Much higher	6,6%	15
Somewhat higher	12,3%	28
No change	19,7%	45
Somewhat lower	29,8%	68
Much lower	15,8%	36
Don't know	15,8%	36
answered question		228
skipped question		107

26. How have Agile approaches affected stakeholder satisfaction compares with Heavyweight Methodologies?

Answer Options	Response Percent	Response Count
Much higher	40,6%	93
Somewhat higher	37,6%	86
No change	8,3%	19
Somewhat lower	3,5%	8
Much lower	0,4%	1
Don't know	9,6%	22
answered question		229
skipped question		106

27. What do you believe is the most common problem experienced while practicing Agile methodologies?

Answer Options	Response Percent	Response Count
Lack of skilled people who can follow Scrum	21,2%	48
Lack of Top Management Support	30,5%	69
Lack of Customer Collaboration	31,9%	72

	Response Percent	Response Count
Project Size/Complexity	12,4%	28
Project Team Size	4,0%	9
answered question		226
skipped question		109

28. Which of the Agile methods do you prefer the most?

Answer Options	Response Percent	Response Count
Extreme Programming (XP)	14,9%	34
Scrum	64,9%	148
Dynamic Systems Development Method DSDM	1,8%	4
Feature Driven Development (FDD)	4,4%	10
Crystal Clear	0,4%	1
Open Unified Process (OpenUP)	0,9%	2
Other (please specify)	12,7%	29
answered question		228
skipped question		107

29. Do you think that your company will again adopt any of Agile methods in the future?

Answer Options	Response Percent	Response Count
Yes	90,4%	208
No	1,7%	4
Don't know	7,8%	18
answered question		230
skipped question		105

Section 3 : Demographic Information

30. What is your age?

Answer Options	Response Percent	Response Count
18-30	12,1%	27
30-40	41,1%	92
40-50	28,1%	63
50-60	14,3%	32
Above 60	4,5%	10
answered question		224
skipped question		111

31. What is your Gender?

Answer Options	Response Percent	Response Count
Male	90,5%	200
Female	9,5%	21
answered question		221
skipped question		114

32. What is your highest educational qualification?

Answer Options	Response Percent	Response Count
High school diploma	4,0%	9
Technical degree	8,0%	18
University degree	38,9%	88

Master	42,5%	96
PhD	4,4%	10
Other (please specify)	2,2%	5
answered question		226
skipped question		109

33. Which best describes your current position?

Answer Options	Response Percent	Response Count
Business Stakeholder	8,4%	19
Data Professional	1,3%	3
Software Engineer/Developer	27,0%	61
IT Management	25,2%	57
Modeler	0,4%	1
Operations/Support Staff	0,9%	2
Project Manager	23,0%	52
Quality Assurance/Tester	2,2%	5
Other	11,5%	26
answered question		226
skipped question		109

34. How many years of work experience do you have in software development?

Answer Options	Response Percent	Response Count
None	0,0%	0
1-4	6,2%	14
5-10	18,1%	41
11-15	31,7%	72

Over 15	44,1%	100
answered question		227
skipped question		108

35. For how long have you been a member of teams that practiced Agile approaches?

Answer Options	Response Percent	Response Count
Less than 1 year	6,6%	15
1-2 years	25,7%	58
3-4 years	29,6%	67
5-10 years	26,5%	60
Over 10 years	11,5%	26
answered question		226
skipped question		109

36. Do you have any additional comments?

Answer Options	Response Count
	51
answered question	51
skipped question	284